



Los Angeles County
Department of Regional Planning


Planning for the Challenges Ahead



Richard J. Bruckner
Director

May 5, 2016

TO: Hearing Officer

FROM: Travis Seawards 
Zoning Permits West Section

SUBJECT: **Surface Mining Permit No. 86-137-(4)**
HO Meeting: May 17, 2016
Agenda Item: No. 10

Surface Mining Permit No. 86-137-(4) authorized a mining and reclamation permit in 1986 for the Empire Quarry, a 218-acre idle mining site on Santa Catalina Island. Pursuant to Condition 8(f) of the approval, the applicant is required to submit a Progress Report to the Hearing Officer every 10 years to detail the project's compliance with the reclamation plan. The applicant submitted a 10-Year Reclamation Plan Progress Report on March 11, 2016 (attached). The report also includes a summary of the quarry operations for the years 1996 and 2006 as no progress reports were submitted for those years.

The Empire Quarry became inactive on February 15, 2013. Pursuant to Section 22.56.1400 of the County Code, surface mining operations that are idle must submit an Interim Management Plan (IMP). The IMP was submitted to the County on May 16, 2013. The County Code allows IMPs to remain in effect for five years, at which point the applicant can either request that the Director renew the IMP, or the applicant must commence reclamation activities. According to the applicant, the mine will commence new operations by early 2017 upon approval of pending contracts.

The Department of Public Works (DPW) completed a required mining inspection report based on an October 21, 2015 inspection (attached). The DPW report found that the applicant is operating in compliance with the 1986 permit and reclamation plan and the IMP. The Department of Regional Planning Zoning Enforcement Section also conducted an inspection on October 21, 2015 and found no existing violations at the site. Therefore, staff believes that the applicant is in conformance with the project conditions and reporting requirements for Surface Mining Permit No. 86-136-(4). In addition, the applicant is required to request a renewal of the IMP by February 15, 2018, or commence reclamation activities, pursuant to Section 22.56.1400.E of the County Code.

If you need further information, please contact Travis Seawards at (213) 974-6435 or TSeawards@planning.lacounty.gov. Department office hours are Monday through Thursday from 7:00 a.m. to 6:00 p.m. The Department is closed on Fridays.

MKK:TSS

Enclosure(s): 10-Year Reclamation Plan Progress Report 2016 (March 11, 2016); Interim Management Plan (May 16, 2013); Empire Quarry Lead Agency Inspection Report (January 12, 2016); Conditions of Approval, Surface Mining Permit No. 86-137-(4)

SUGGESTED MOTION:

THE HEARING OFFICER FINDS THAT THE APPLICANT HAS MET THE REPORTING REQUIREMENTS AND IS IN CONFORMANCE WITH THE CONDITIONS FOR SURFACE MINING PERMIT NO. 86-137-(4)

PACIFIC OCEAN

SANTA CATALINA ISLAND

District 4

Created in GIS-NET3

2011 Aerial Photo

Printed: Oct 05, 2015



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Feet

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10-YEAR RECLAMATION PLAN PROGRESS REPORT 2016

**Empire Quarry
Two Harbors, CA**

CA Mine ID #91-19-0011

March 11, 2016

Lead Agency: Los Angeles County
Department of Public Works
900 South Fremont Avenue
Los Angeles, California 91803

Prepared for: Connolly-Pacific Company
1925 Pier D Street
Long Beach, California 90802

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10-YEAR RECLAMATION PLAN PROGRESS REPORT

Empire Quarry
CA Mine ID #91-19-0011
Two Harbors, CA

March 11, 2016

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10-YEAR RECLAMATION PLAN PROGRESS REPORT

Empire Quarry
CA Mine ID #91-19-0011
Two Harbors, CA

March 11, 2016

1.0 BACKGROUND

The Empire Quarry, operated by Connolly-Pacific Company, is located near north end of Santa Catalina Island, approximately halfway between Isthmus Cove and Empire Landing, east of the city of Two Harbors. Mining and reclamation are permitted under Surface Mining Permit (SMP) #86-137, which addresses approximately 218 acres of chaparral covered seacliffs and quarried shoreline. The site is the smaller of the two Catalina Island mining operations, and has been an ongoing operation since the early 1900s.

Lands surrounding the quarry site are largely vacant. Properties behind the quarry lie within the Catalina Conservation Area.

The Empire Quarry is a hard rock quarry mine permitted to blast and process rip rap and jetty stone. After blasting, the materials are sized for various uses and specifications and shipped, predominately by barge, after loading from the shoreline areas of the mine. The quarry produces rock construction materials which range in size from sand-sized grains to boulders which measure several feet across and weigh upwards of several tons. The large products are used primarily in the construction of marine facilities (e.g. breakwaters and artificial islands), and the smaller materials can be used for a number of construction projects.

Due to market conditions, project needs, and job specifications, the quarry has operated at very low volumes or has remained idle for a majority of the last 40 years. The mine currently has an Interim Management Plan (IMP) in place, which lists the initial inactive date as February 15, 2013.

1.1 Site End Use

The quarry activities and reclamation procedures will leave the site in a condition approximating natural conditions; therefore, the Reclamation Plan has determined that the best use of the reclaimed site is open space. At the cessation of mining, the Santa Catalina Island Company, the non-profit operating foundation which owns the site, may choose revert the land to open space or may develop the production benches with industrial service uses.

This reclamation plan assumes that the site will be reclaimed as open space to make it topographically and vegetatively compatible with the surrounding natural sea coast environment of this portion of Santa Catalina Island.

1.2 Purpose

This report has been prepared to satisfy Condition 8(f) of SMP #86-137, which states:

The Reclamation Plan will be Progress Reported 10 years from the date of approval. The applicant shall submit a report to the Hearing Officer at that time, and every 10 years thereafter (unless the Progress Report period is amended by the Hearing Officer, the Commission or the Board of Supervisors), detailing the progress accomplished to achieve the objectives of the reclamation plan or any change of circumstances.

SMP #86-137 was approved in 1986; therefore, 10-Year Reclamation Plan progress reports should have been conducted in 1996, 2006, and 2016. In addition to the 2016 status report, this report also includes a summary of the quarry operations and reclamation progress for the years 1996 and 2006.

2.0 RECLAMATION PLAN REQUIREMENTS

The site's Reclamation Plan (*Empire Quarry Reclamation Plan*, SMP #86-137, May 29, 1987) specifies reclamation standards for five (5) zones: production areas, rock core and unconsolidated bench faces, shoreline slopes, and production high walls. General reclamation guidelines for each zone are as follows:

Zone 1: Production Areas

Production areas will be graded to direct surface water runoff toward swales along the inner edge of the bench. The swales will serve to slow surface flow and thereby minimize surface runoff into the ocean.

Zone 2 & 3: Unconsolidated Bench Faces

The outer edges of slope faces will be graded at a 1:1 slope and planted with native vegetation. The slopes will be stepped to encourage rapid plant growth. Slopes steeper than 2:1 will be bordered at the tops and toes by armor rocks and thorny barrier plants, and the slopes themselves will be revegetated.

Zone 3: Shoreline Slope

Shoreline slopes will be protected from erosion and unwarranted trespass by larger armor rocks.

Zone 4: Production High Walls

Upon cessation of mining, a final blast will be taken to loosen debris, and the high wall will be scaled to remove any loose rocks or overhangs. The resultant muck pile will be left at the base of the high wall at its natural angle of repose. Both the high wall and muck pile will be revegetated, and thorny barrier plants may be used along the muck pile base to discourage access.

It is important to note that the Reclamation Plan specifically states that "final grading and revegetation will not occur until quarrying activities cease altogether" (Section III.A.).

The following sections outline the major reclamation areas described within the Reclamation Plan.

2.1 Disturbed Areas / Mining Footprint

The Reclamation Plan and SMP allocate up to 218 acres of land to be disturbed by quarrying activities. However, the exact boundary of quarrying is not defined in either the Reclamation Plan or SMP. The

"Surrounding Land Uses" figure included in the Reclamation Plan (see Appendix 1) identifies the approximate quarry area.

2.2 Slopes

The nature of the rock quarry operation is such that very little backfilling of material will be required in final reclamation. Since this quarry is on the Catalina Coast, all quarrying is done above the high tide elevations to avoid possible intrusion of water into any pits created in conjunction with the quarrying operations. The standard method of operation is to create benches or shelves as the quarrying operation progresses inland. This results in a stair-step effect which can be utilized in the ultimate reclamation of the land at the termination of the quarry operation.

Final stabilization of the site will be undertaken in two basic ways. First, the production high walls will be subjected to a final blast at the termination of the operation. This final blast will result in natural rockfall which can be anticipated to have an angle of repose of approximately 1.5:1. This action will remove any overhangs and will create a face somewhat akin to that found in the natural terrain adjacent to the site.

Other areas will be stabilized through grading to accomplish basic slopes no steeper than 2:1. Where slopes of necessity may exceed 2:1, special armor rock barriers will be positioned to discourage access and reduce hazard.

2.3 Vegetation

Topsoil salvage for means of revegetation is not required by the Reclamation Plan. The plan states that a very thin topsoil layer covers the cliff tops above the quarry operation. The soil cannot be recovered and, even if it could, it would be necessary to preserve it for unreasonable periods of time due to the nature of the mining operation and the projected date of quarry reclamation.

The Reclamation Plan concludes that hydroseeding would be the most efficient and cost-effective means of revegetating the various slope areas. To ensure that the plants establish themselves quickly, a temporary irrigation system is required. This system should be operated for at least six months, depending on the season in which the slopes are revegetated.

It is important to note that revegetation test plots are not specifically mentioned in the approved Reclamation Plan.

2.4 Drainage

During the quarry operation, control of runoff and sedimentation will occur as appropriate to reduce erosion and sedimentation. In order to control the deposition of sediment into the ocean, special retention areas will be created using low-level berms. Rock weir structures will provide for overflow of the retention basins.

The velocity of flow of the runoff on the benches will be controlled through the gradient or through the creation of cross berms (e.g., check dams) on the benches designed to reduce the velocity of water running down these benches. Where the gradient of the bench will permit, swales will be installed on the inner edge of the bench.

3.0 RECLAMATION PLAN PROGRESS REPORT – 2016

The mine currently has an Interim Management Plan (IMP) in place, which lists the initial inactive date as February 15, 2013. Detailed descriptions of current operations, and their correspondence to the approved Reclamation Plan, are provided in the sections below.

The progress report for 2016 was prepared based on:

- 2015 Surface Mining Inspection Report (SMIR), dated October 21, 2015;
- 2015 Topographic Survey provided by Connolly-Pacific Company;
- 2013 and 2015 Aerial Photograph available from the GoogleEarth database;
- Information obtained from Connolly-Pacific Company; and
- Conditions noted during a site visit on February 16, 2016.

3.1 Disturbed Areas / Mining Footprint

In reviewing historical aerial photographs and annual Surface Mining Inspection Reports, it is believed that the majority of mining disturbance is from pre-1976 quarry activities; therefore, reclamation of the slopes in this area are not required under the Surface Mining and Reclamation Act of 1975 (SMARA).

As discussed previously, this mine has been idle for several years. An IMP was filed in 2013. The 2015 SMIR lists the total disturbed acreage as 8 acres. The total disturbed acreage matches the most recent survey information (see Figure 1 in Appendix 2). The disturbed acreage is a combination of historic mining areas (4 acres) and a slide area within the mining boundary that occurred sometime between 2010 and 2011 while the operator was not actively mining (4 acres). All disturbances from post-1976 activities appear to be well within the permitted boundary.

3.2 Slopes

As described in the Reclamation Plan, the creation of benches and shelves will occur as the quarry operation progresses inland. Historic mining has resulted in the creation of benches and a stair-step effect which can be utilized in the ultimate reclamation of the land at the termination of the quarry operation (see Photographs 1, 2, and 3 in Appendix 2).

Figure 3 in Appendix 2 show the cross-sections from the most recent survey (2015). The figures show a side-by-side comparison of the current site topography with the typical final cross-sections from the Reclamation Plan.

Final stabilization of the site is required to be completed in two (2) basic ways: production high walls will be subjected to a final blast and other areas will be stabilized through grading. Although the quarry is not near the termination of the operation, the post-1976 disturbance appears to meet these requirements. The slide area lies at its "natural angle of repose," and the mining and production areas are at an acceptable grade (see photographs in Appendix 2).

Shore line slopes are required to be graded no steeper than 1:1 and protected from excessive erosion by armor rock. The shore line slopes that were observed during the site visit appeared to meet these requirements (see Photograph 1 and 2 in Appendix 2).

It is important to note that the Reclamation Plan states that "final grading and revegetation will not occur until quarrying activities cease altogether."

3.3 Vegetation

An abundance of natural revegetation has occurred throughout the site (see Photograph 1 - 4 in Appendix 2).

Some low berms exist along the haul roads and pads which are comprised of overburden and topsoil that can be used during site reclamation. This can be seen as a proactive measure as the Reclamation Plan specifically states that topsoil salvage is not feasible or necessary.

It is important to note that the Reclamation Plan states that "final grading and revegetation will not occur until quarrying activities cease altogether."

3.4 Drainage

The Reclamation Plan requires special retention areas to be created using low level berms. During historic mining operations (pre-1976), the operator created low berms along the internal roads and the most of the shoreline. The majority of these berms have remained in place.

Due to the minimal mining activity on the site and the post-1976 disturbance, no large retention areas or other drainage have been installed.

Natural vegetation covers a majority of the pre- and post-1976 disturbed areas. This vegetation will act as a natural storm water filter and reduce sediment deposited into the ocean and erosion.

4.0 RECLAMATION PLAN PROGRESS REPORT – 2006

This section provides a Reclamation Progress Report for the year 2006. Descriptions of on-site conditions at that time, and their correspondence to the approved Reclamation Plan, are provided in the sections below.

The progress report for 2006 was prepared based on:

- 2006 Surface Mining Inspection Report (SMIR), prepared by the LA County Department of Public Works based on the November 28, 2006 inspection;
- 2007 aerial photograph available from the GoogleEarth database; and
- Information obtained from Connolly-Pacific Company.

Note that an aerial photograph from 2007 was used as it was the closest dates to 2006 available on the GoogleEarth database.

4.1 Disturbed Areas / Mining Footprint

Mining disturbance through 2006 appears to be well within the permitted boundary. Based on the aerial photography available, the operator appears to be working within the permitted boundaries (see Figure 4 in Appendix 3).

The 2006 SMIR lists the total disturbed acreage as 4 acres and states that the “[s]ite [is] still operating in an approximate 4-acre disturbed area with limited production excavation. Site is mined at very low volumes primarily because its quality rock has a specific use and to date has been in low demand. Site is mined at very low volumes primarily because its quality rock has a specific use and to date has been in low demand.”

4.2 Slopes

Based on historical aerials, it appears that minimal slope creation had occurred by 2006 (see Figure 4 in Appendix 3).

Note that the Reclamation Plan states that “final grading and revegetation will not occur until quarrying activities cease altogether;” therefore final grading / slope reclamation was not required at this time.

4.3 Vegetation

Generally areas mined are active, deterring concurrent revegetation until mining is completed. It is not believed that revegetation of disturbed areas had occurred by 2006.

Note that the Reclamation Plan states that “final grading and revegetation will not occur until quarrying activities cease altogether;” therefore revegetation was not required at this time.

4.4 Drainage

Although aerial photographs are not clear enough to determine if drainage controls were in place in 2006, it is assumed that the mine site had appropriate erosion and sediment control measures in place since the site has been subject to the statewide industrial storm water general permit, which applies to all storm water discharges from industrial operations. The State Water Resources Control Board (SWRCB) adopted the permit on November 19, 1991 and reissued the permit (Order 97-03-DWQ) on

April 17, 1997. In order to maintain compliance with both versions of the storm water permit, the quarry operation would have been required to control runoff, erosion, and sedimentation.

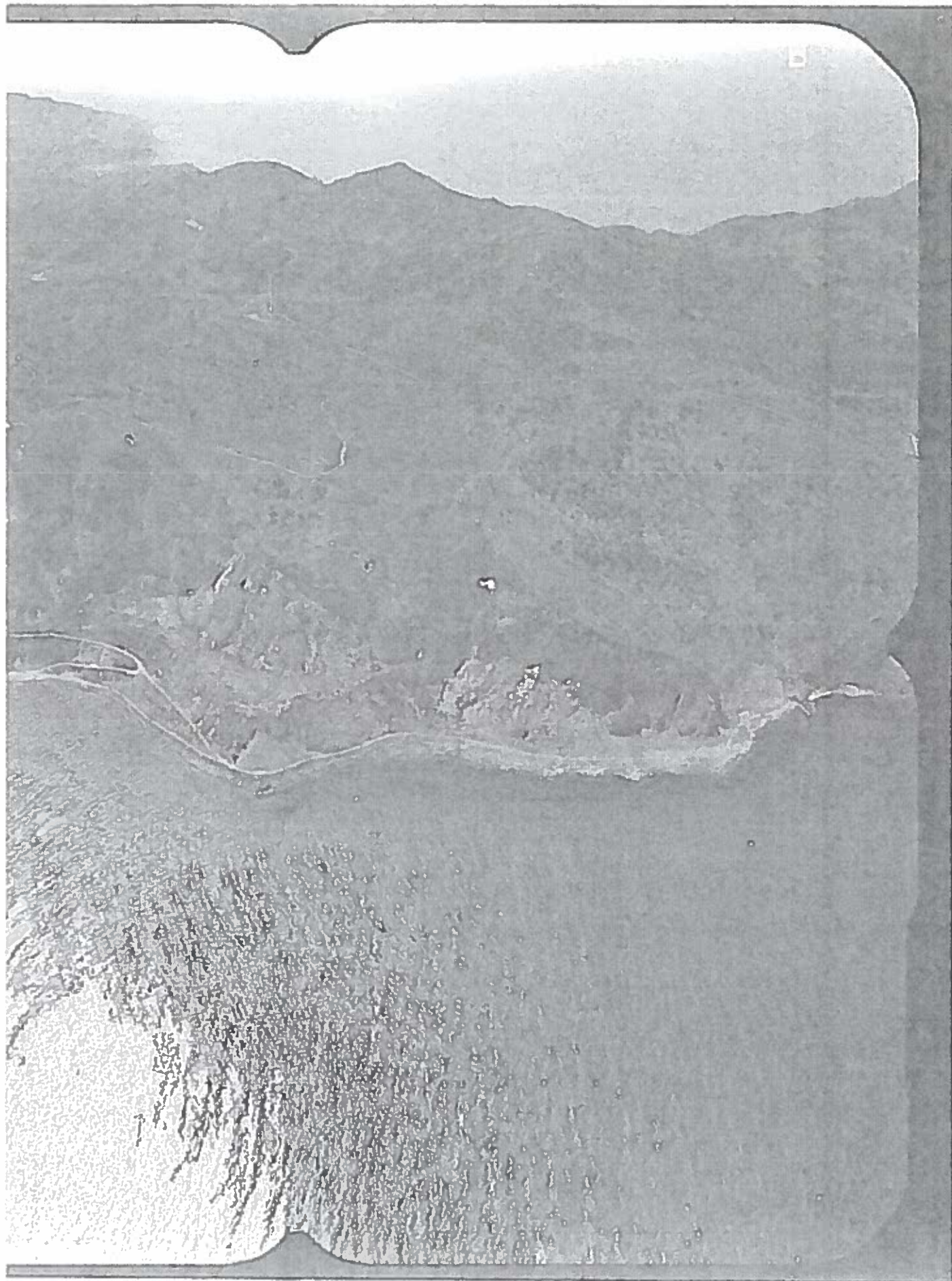
5.0 RECLAMATION PLAN PROGRESS REPORT – 1996

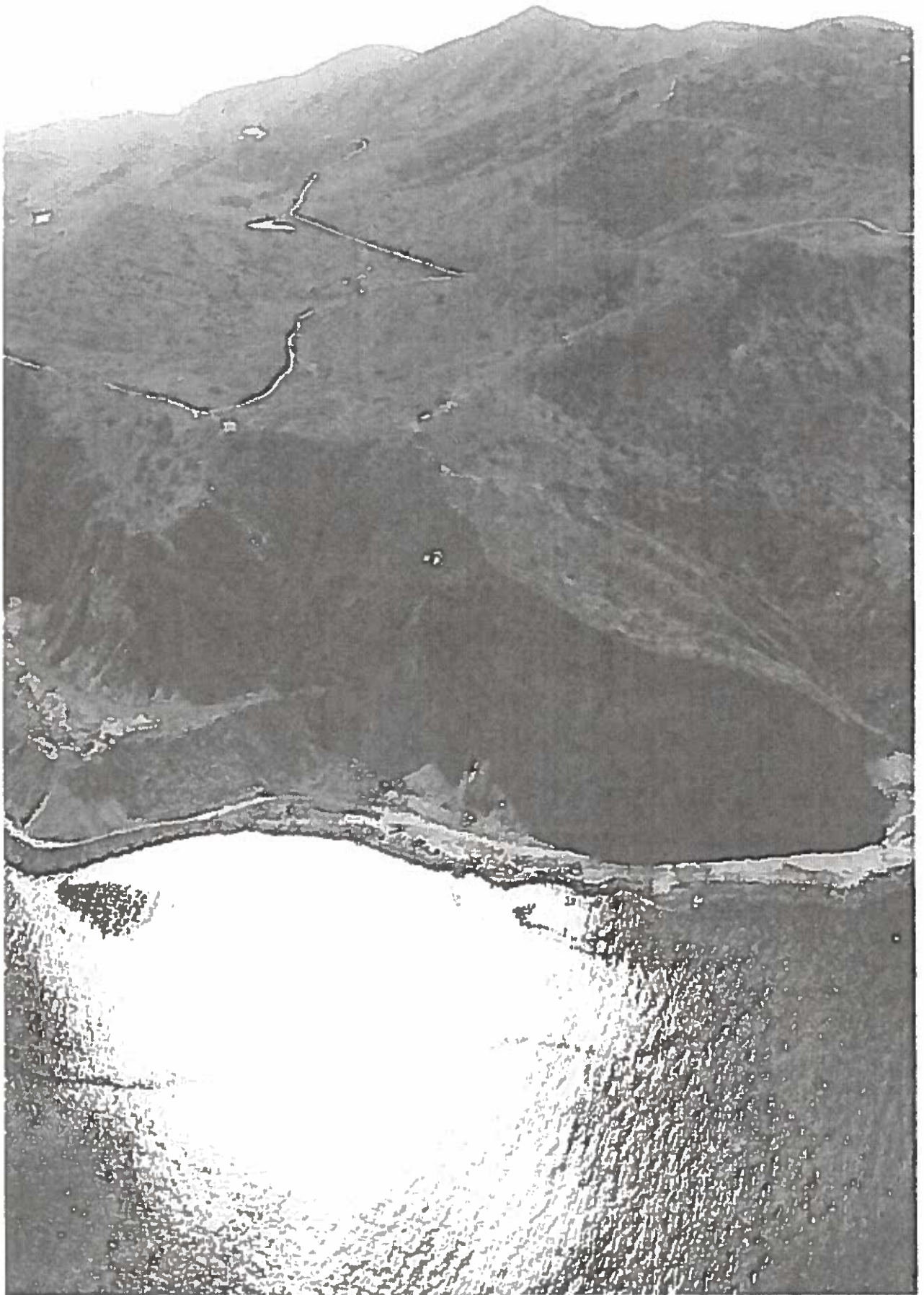
A letter from the County of Los Angeles Department of Public Works to the Department of Conservation Division of Mines and Geology, dated February 3, 1997, states that the Empire Quarry “mine has not been disturbed since January 1, 1976.” A copy of the letter is provided in Appendix 4. Based on this information, no reclamation would have been required by 1996.

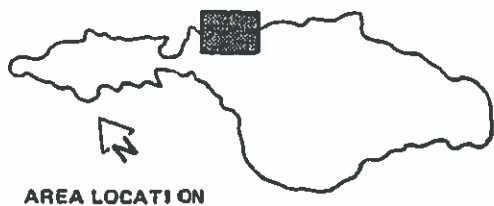
An aerial photograph from 1994 shows no recent disturbance within the quarry (see Figure 7 in Appendix 4). Note that aerial photograph from 1994 was used as it is the closest date to 1996 available on the GoogleEarth database.




APPENDIX 1

Historical Figures and Photographs

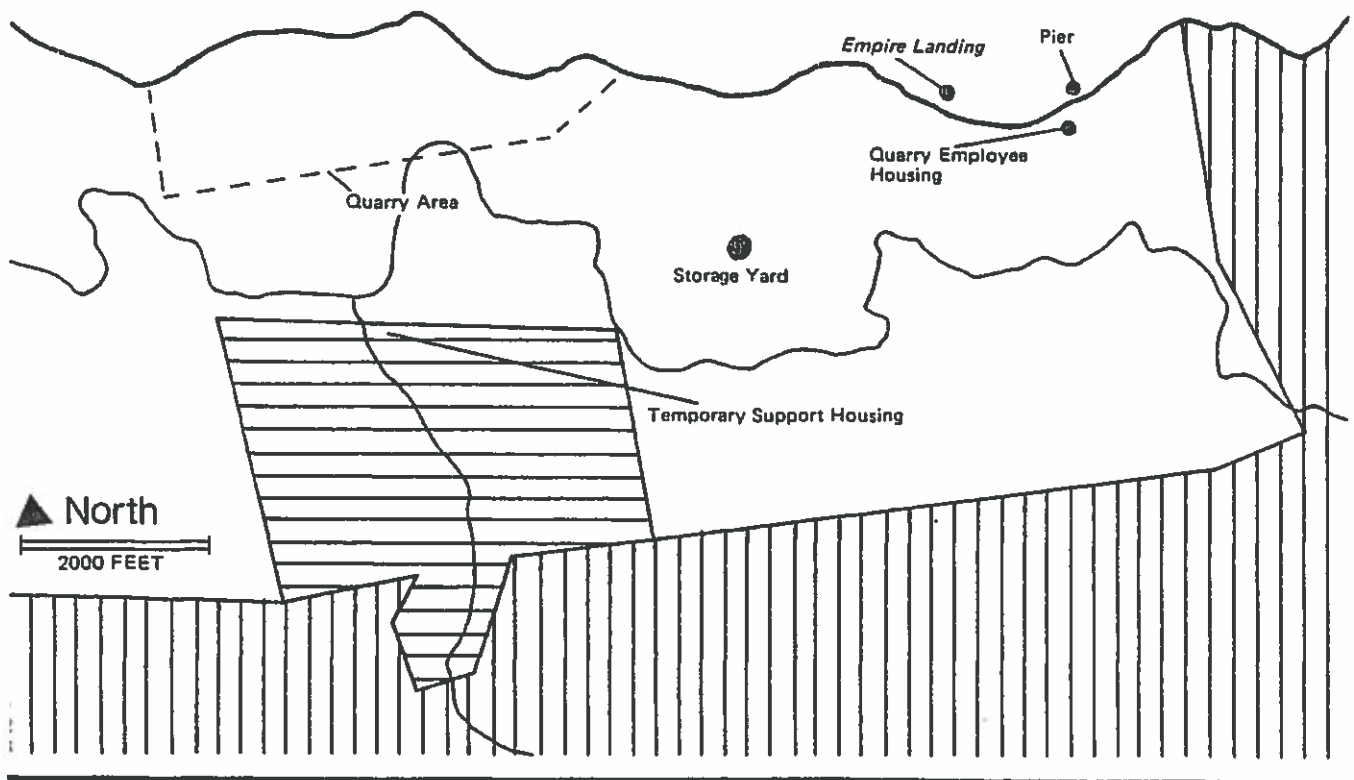






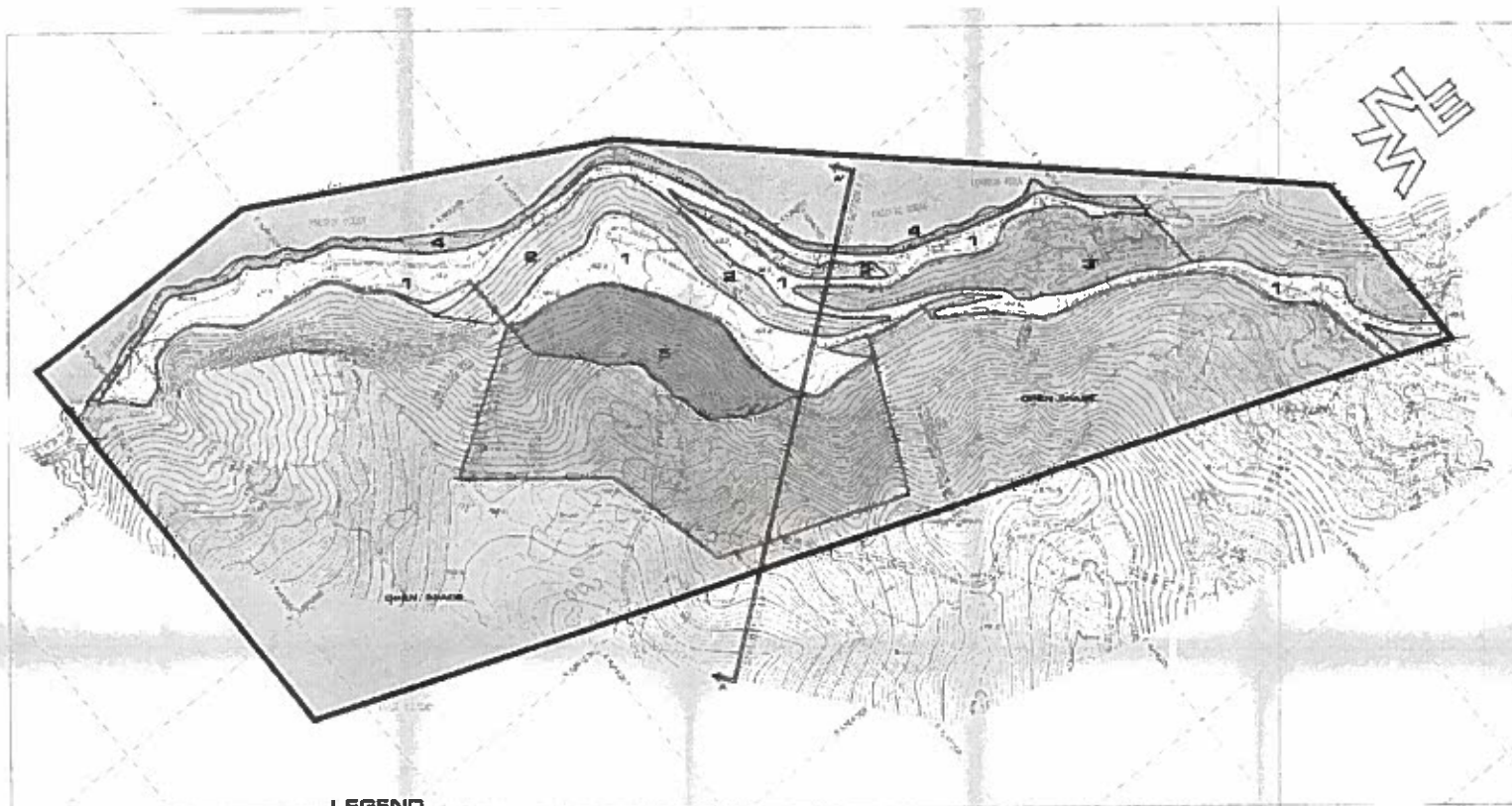
-  Santa Catalina Island Company (Non-Easement, Non-Conservancy)
-  Conservancy Area Outside of Open Space Easement
-  Open Space Easement / Conservancy

S a n P e d r o C h a n n e l



Surrounding Land Uses
Empire Quarry

SOURCE: County of Los Angeles



LEGEND

- 1 PRODUCTION AREA (ROCK SUBBASE), STOCKPILE, HAUL ROADS, LOADING, ETC.
- 2 ROCK CORE BENCH
- 3 ROCK CORE BENCH WITH UNCONSOLIDATED FACE COVER
- 4 SHORE LINE SLOPE FACE
- 5 PRODUCTION WALL & SLUMP PILE



THE PIPESTONE GROUP

STEPHEN SCHWARTZ
ASSOCIATES, A.I.A.
LANDSCAPE ARCHITECTS

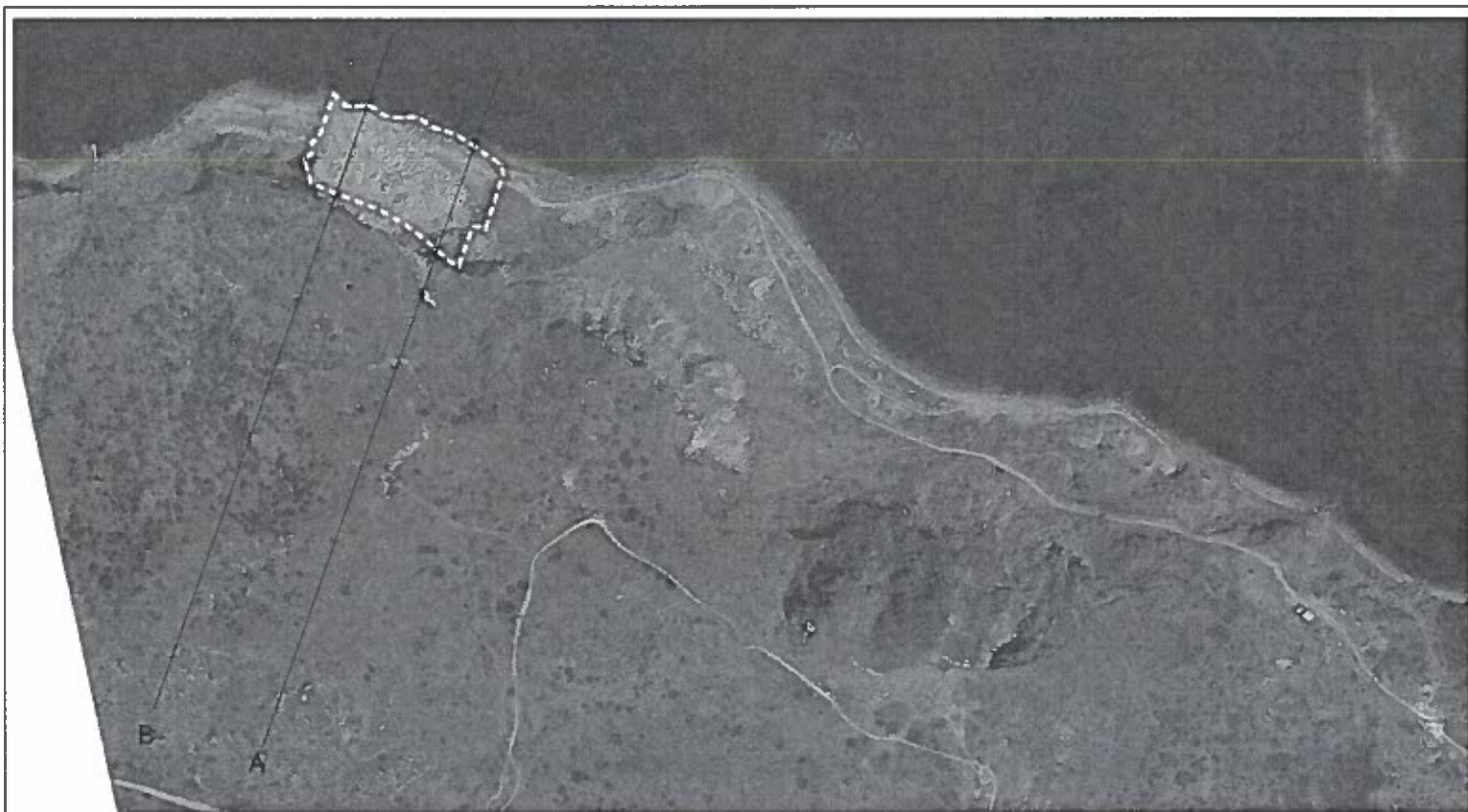
EMPIRE QUARRY

DATE: 11/11/01	BY: J.S.
CHECKED: 11/11/01	BY: J.S.
APPROVED: 11/11/01	BY: J.S.

APPENDIX 2

2016 Supporting Documentation

**1986 Reclamation Plan vs. 2015 Survey Comparison Figures
Site Photos (February 16, 2016)**



LEGEND
 - - - QUARRY AREA (FROM
 1986 REC PLAN)
 - - - MINING LIMITS
 (207.25 ACRES)
 - - - DISTURBED AREA
 (8 ACRES)



**CONNOLLY
 PACIFIC CO.**
 MARINE CONTRACTORS
 1400 West 17 Street, Long Beach, CA, 90802
 Phone (562) 437-3021 Fax (562) 439-8200

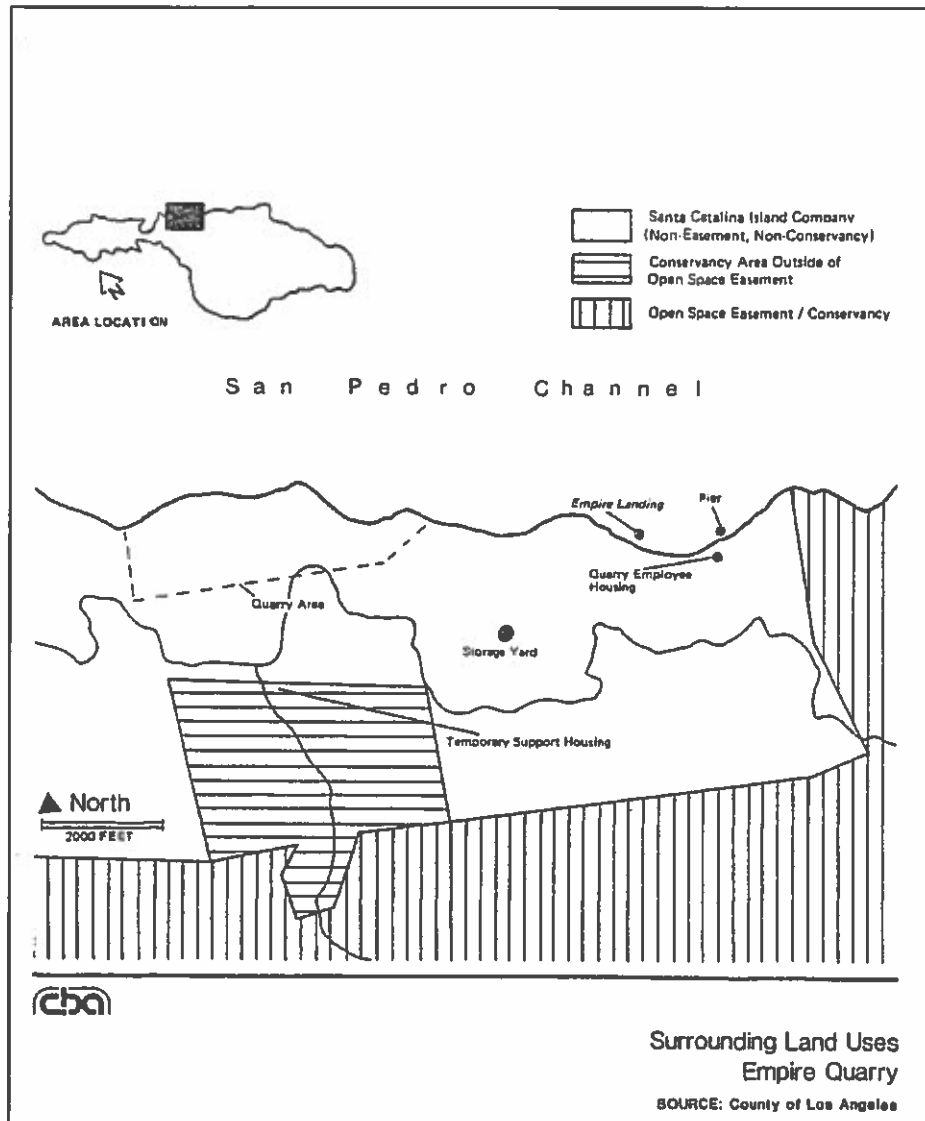
Survey Cross-Section Quarry EMPIRE		
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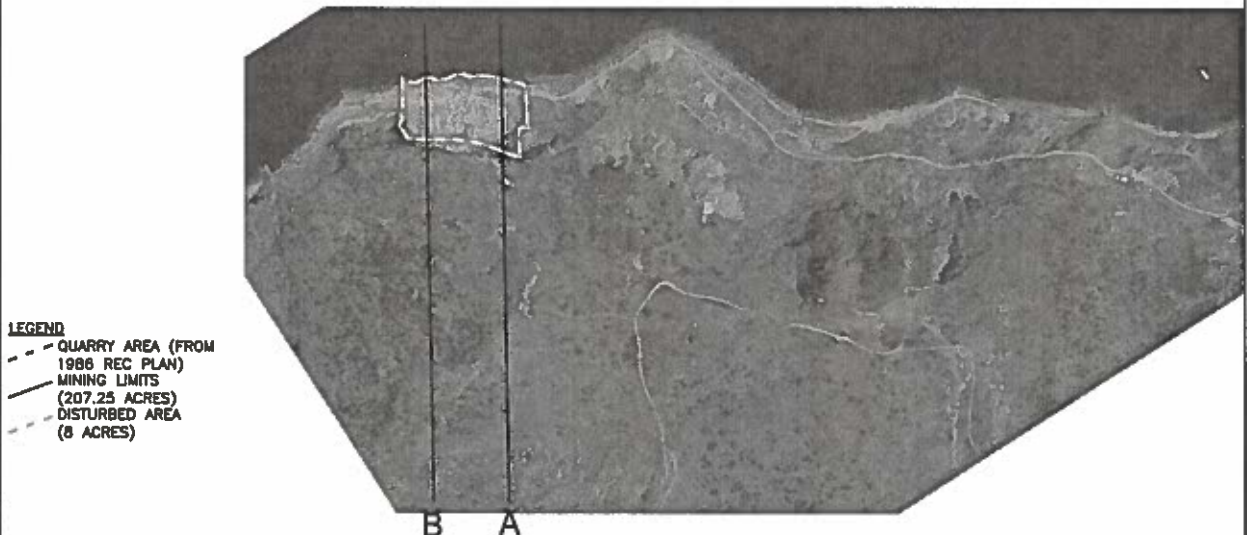
CONNOLLY-PACIFIC CO.
 EMPIRE QUARRY
 RECLAMATION PROGRESS REPORT
 CITY PLAN
 1

AERIAL, GOOGLE EARTH,
 DATED 04/19/13

1986 RECLAMATION SITE PLAN



CURRENT CONDITIONS



CONNOLLY-PACIFIC CO.
MARINE CONTRACTORS
 1825 Pier 17 Street Long Beach, CA 90802
 Phone: (562) 427-2831 Fax: (562) 438-2025

Survey Cross-Section
Quarry EMPIRE
1" = 600'
DRAWN BY
 Devin Moore
DATE

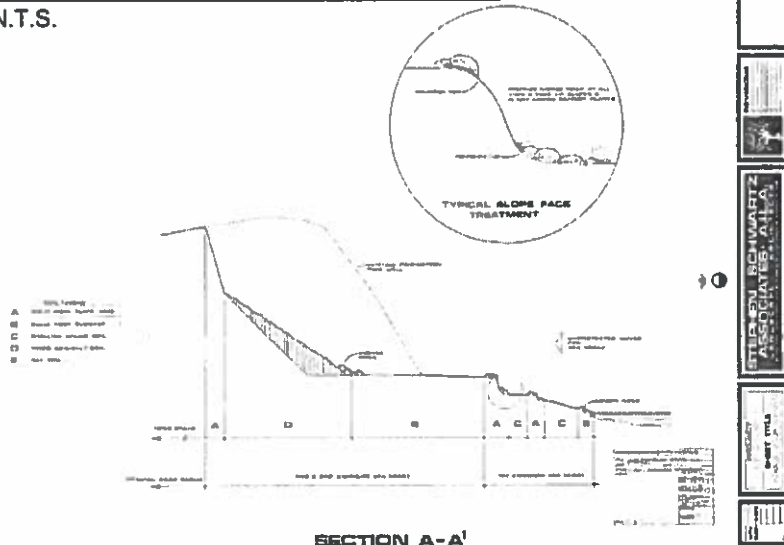
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CONNOLLY-PACIFIC CO.
EMPIRE QUARRY
RECLAMATION PROGRESS REPORT
SITE PLAN COMPARISON
PICTURE NUMBER
2

AERIAL: GOOGLE EARTH,
DATED 04/19/13

1986 RECLAMATION SITE PLAN

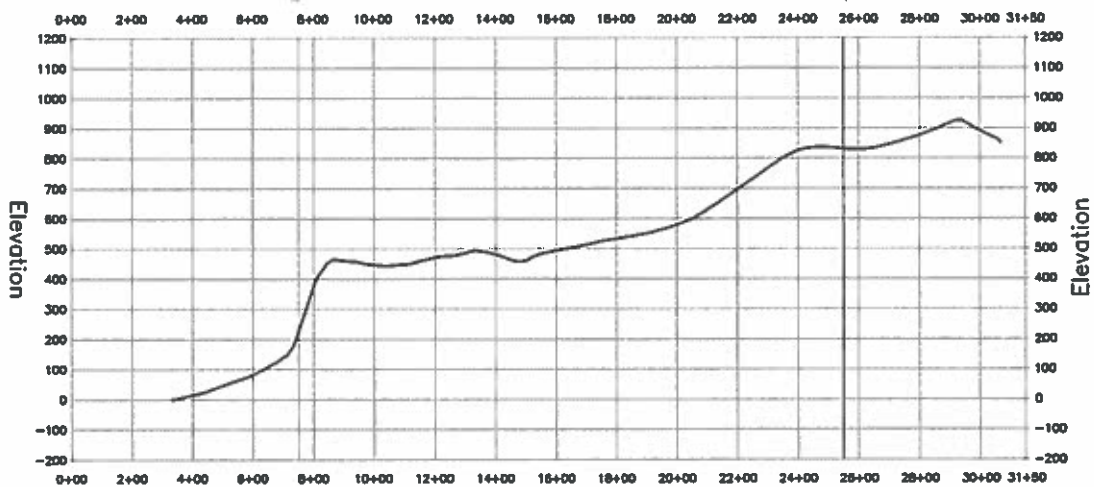
N.T.S.



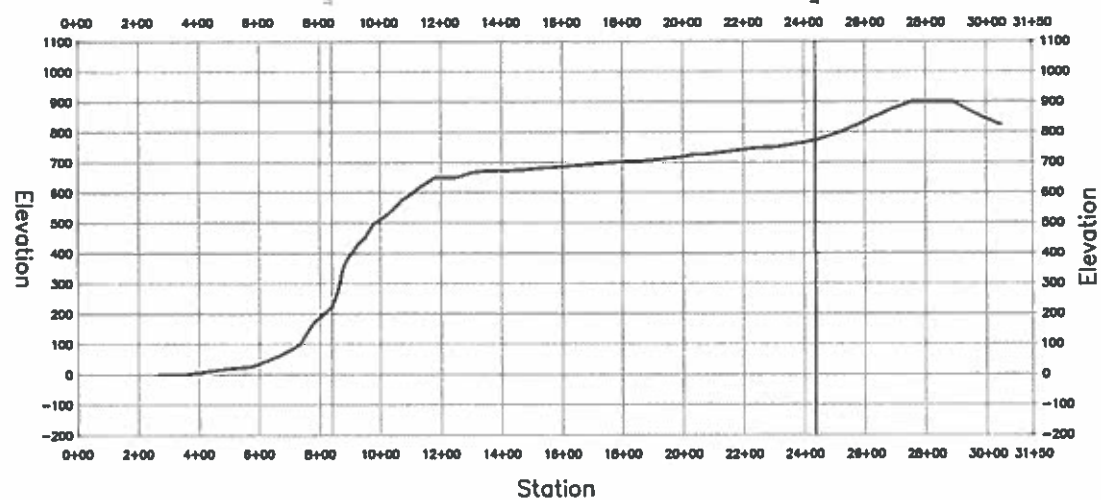
SECTION A-A'

CURRENT CONDITIONS

Profile View of B



Profile View of A



Station

CONNOLLY PACIFIC CO.
MARINE CONTRACTORS
1825 Pier "D" Street, Long Beach, CA 90802
Phone: (562) 437-2831 Fax: (562) 435-3036

Survey Cross-Section Quarry EMPIRE			
1" = 400'			
DATE	BY	CHECKED	DATE
	DAVID SM		
	DEVIN MOORE		

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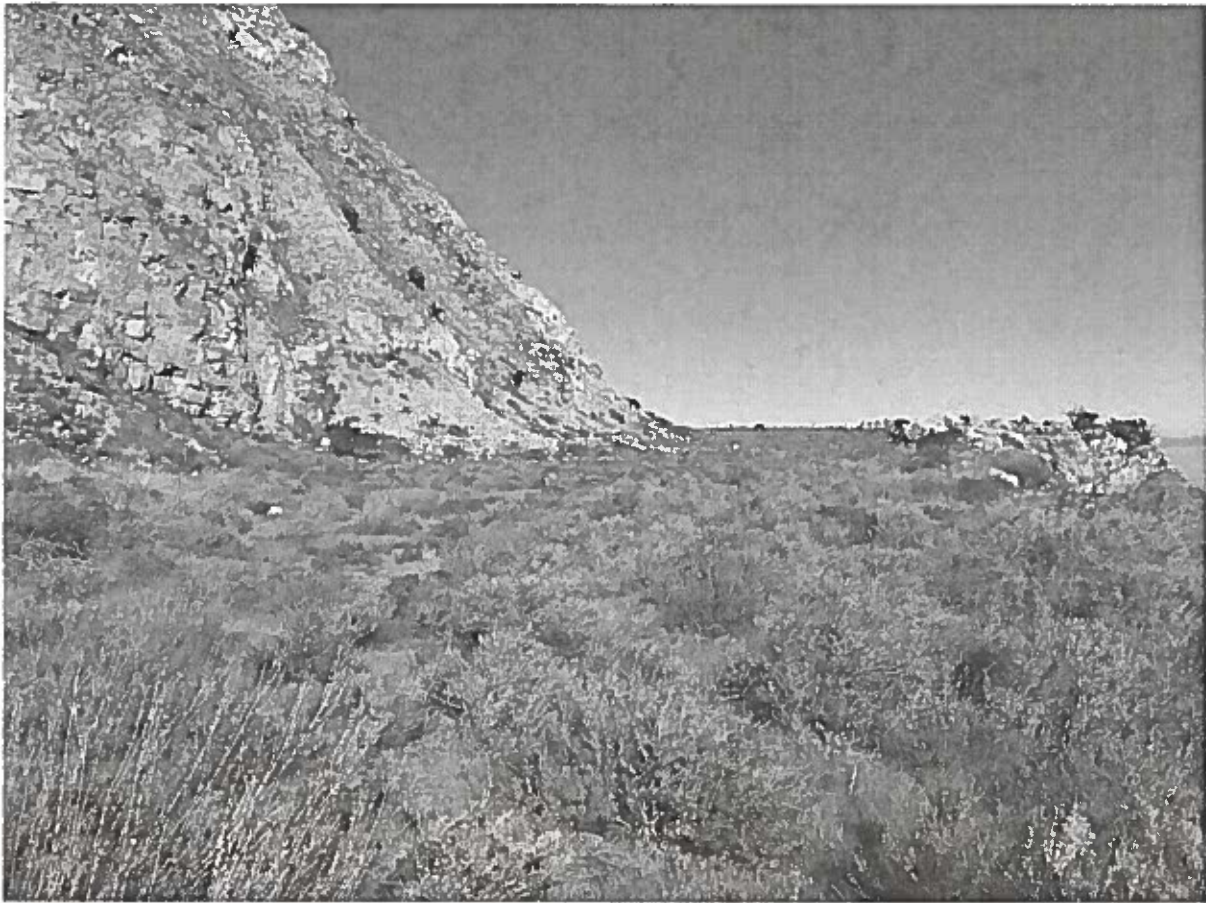
CONNOLLY-PACIFIC CO. EMPIRE QUARRY RECLAMATION PROGRESS REPORT SITE PLAN COMPARISON			
DATE	BY	CHECKED	DATE
	DAVID SM		
	DEVIN MOORE		
FIGURE NUMBER			3



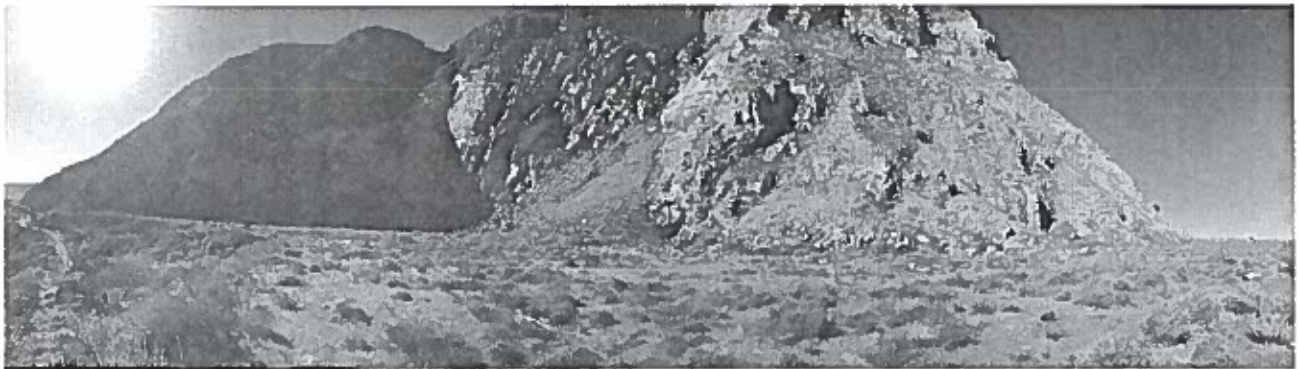
Photograph 1: Quarry benches and processing / loading area, facing northwest. Shore line slopes are lined with armor rock protection to reduce excessive erosion, and natural revegetation has occurred in most historical mining disturbances. (02/16/16)



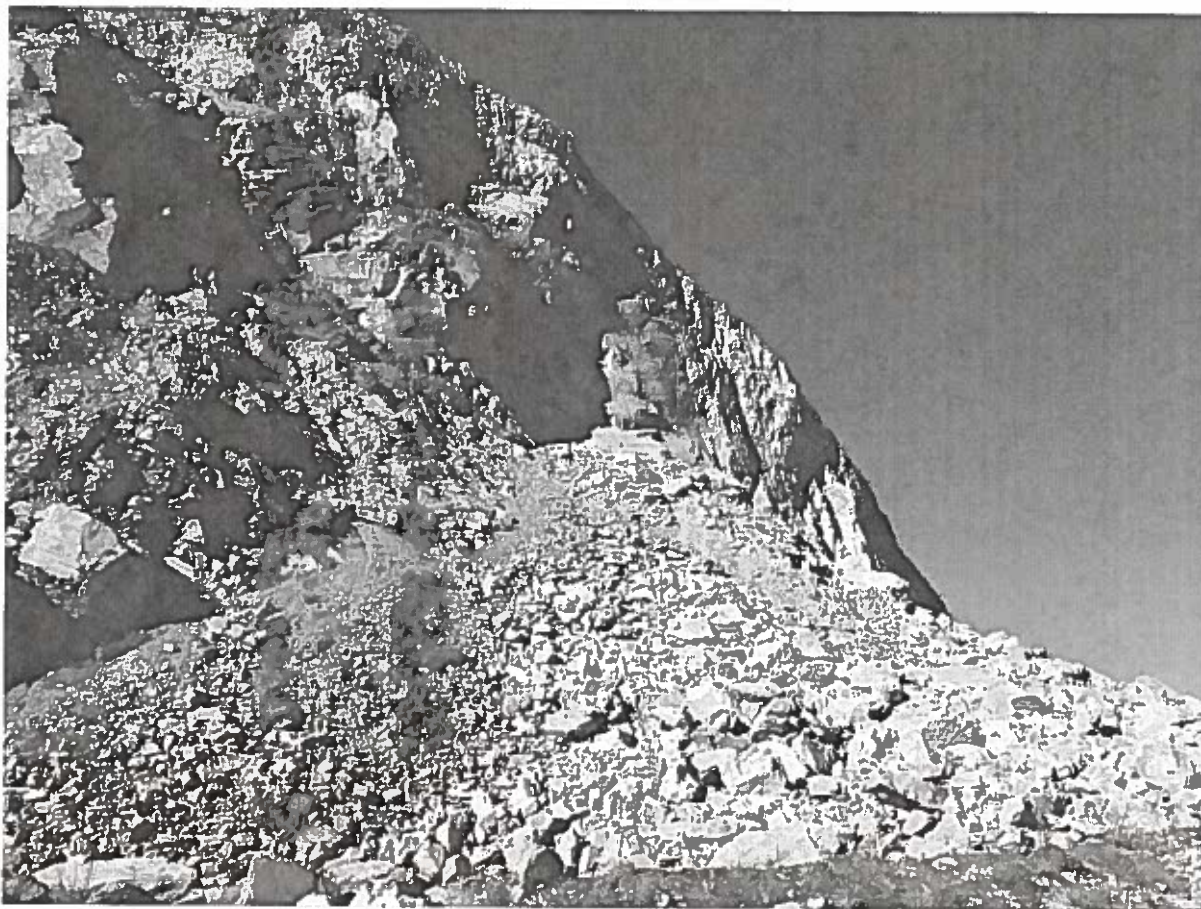
Photograph 2: Historic mining disturbance covered by natural revegetation, facing southeast. Shore line slopes are lined with armor rock protection to reduce excessive erosion. (02/16/16)



Photograph 3: Historic mining disturbance covered by natural revegetation, facing north. (02/16/16)



Photograph 4: Historic mining disturbance (processing area and high walls) covered by natural revegetation, facing west. (02/16/16)

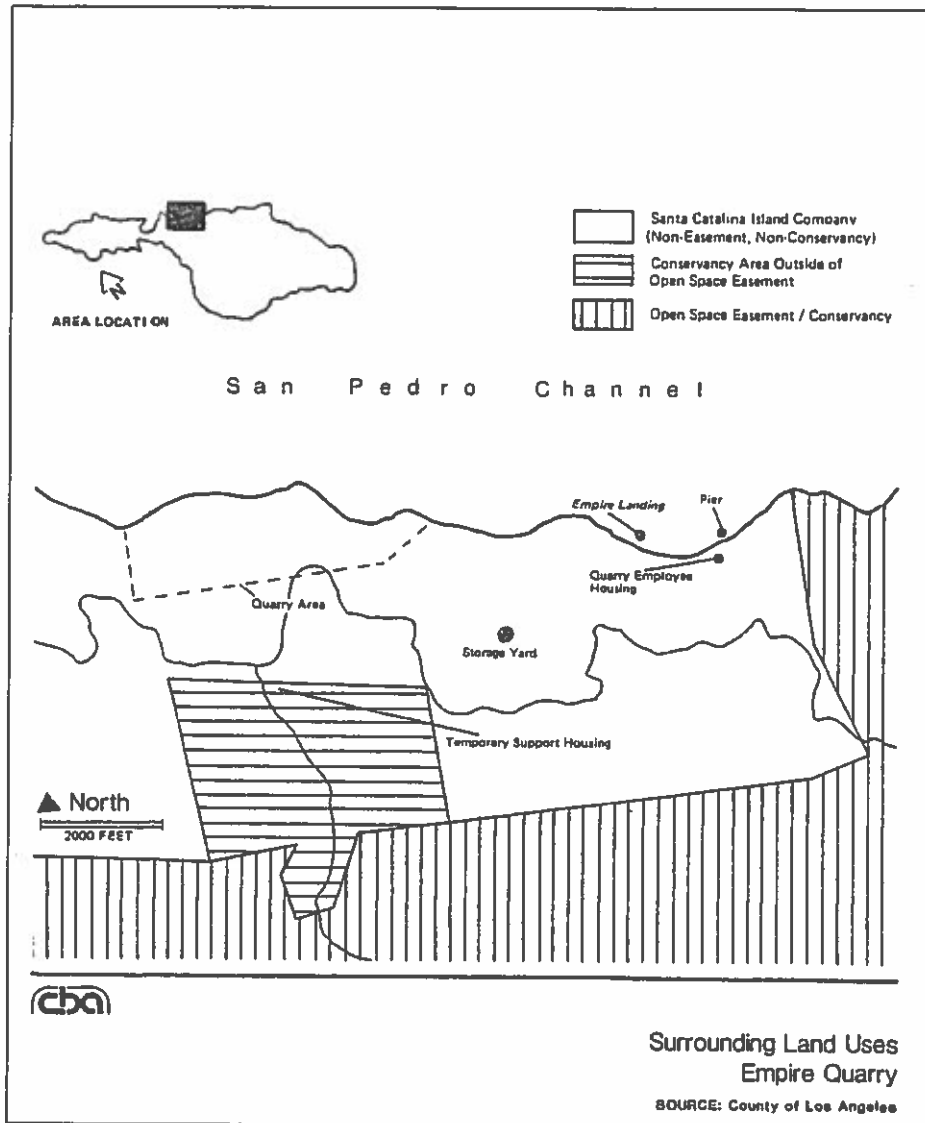


Photograph 5: Slide area, facing northwest. (02/16/16)

APPENDIX 3

2006 Supporting Documentation 1986 Reclamation Plan vs. 2007 Aerial Photograph

1986 RECLAMATION SITE PLAN



2007 CONDITIONS



CONNOLLY PACIFIC CO.
MARINE CONTRACTORS
1923 Pier 10 Street Long Beach, CA 90803
Phone: (562) 437-3831 Fax: (562) 436-2038

Survey Cross-Section Quarry EMPIRE		
NO. OF	DATE	SECTION
1	1/1/07	1
2	1/1/07	2
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SESPE CONSULTING, INC.
374 Hill Street, Ste. 200 • Ventura, CA 93001
(805) 275-1818 • www.sespeconsulting.com

CONNOLLY-PACIFIC CO.
EMPIRE QUARRY
RECLAMATION PROGRESS REPORT
SITE PLAN COMPARISON
4

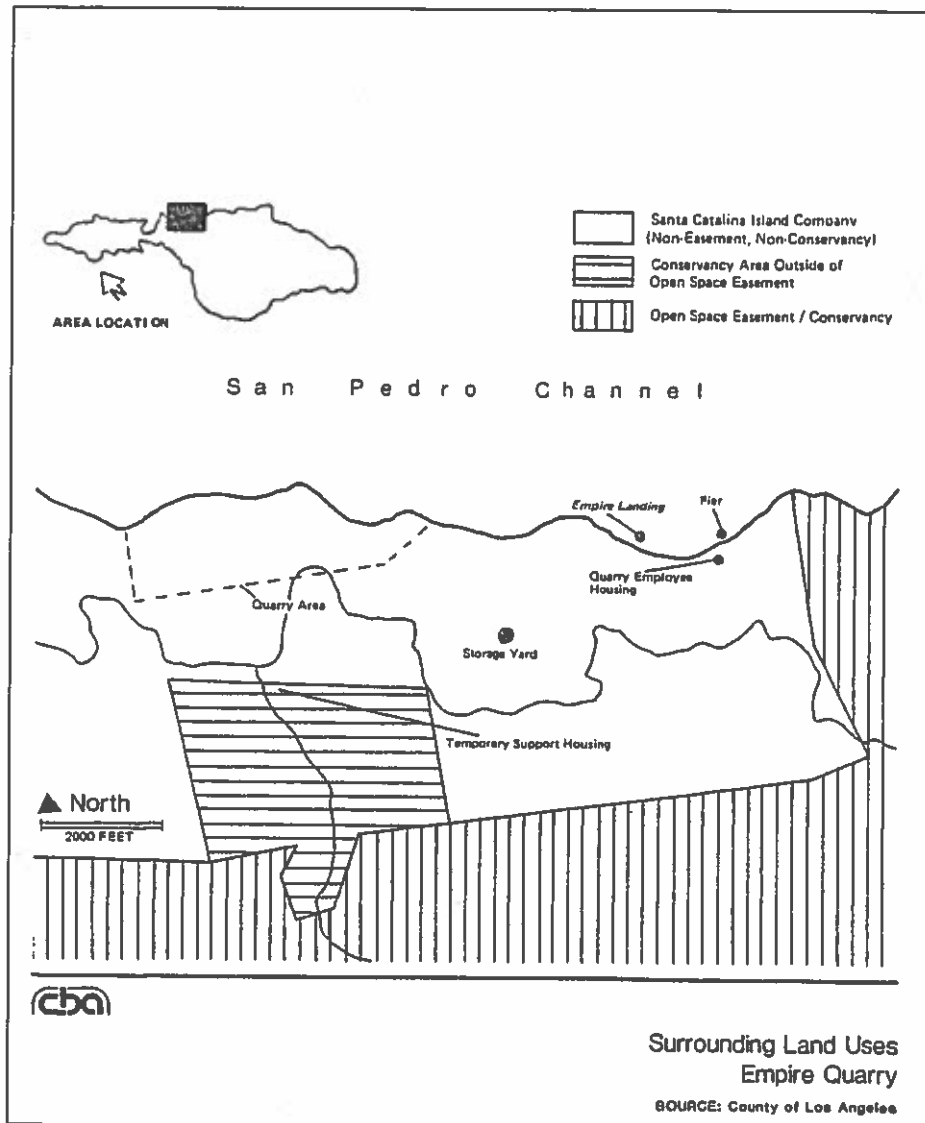
AERIAL: GOOGLE EARTH,
DATED 04/24/07

APPENDIX 4

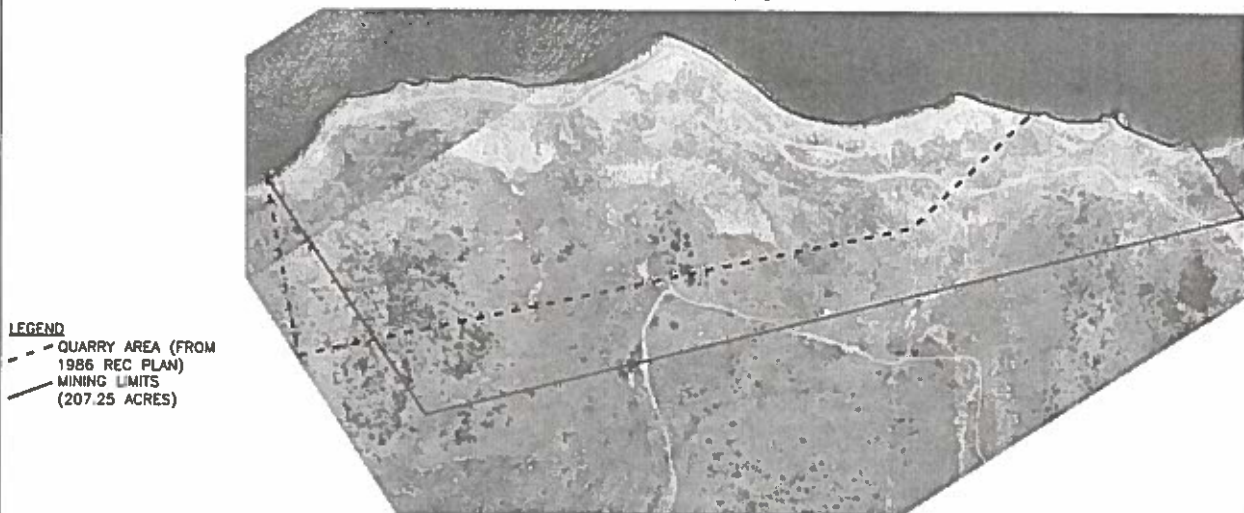
1996 Supporting Documentation

1986 Reclamation Plan vs. 1994 Aerial Photograph
Letter to the Department of Conservation dated February 3, 1997

1986 RECLAMATION SITE PLAN



1994 CONDITIONS



CONNOLLY-PACIFIC CO.
MARINE CONTRACTORS
1925 Pier 17 Street Long Beach, CA 90802
Phone: (562) 437-2831 Fax: (562) 438-2028

Survey Cross-Section Quarry EMPIRE		
SECTION	DATE	SHEET
1" = 800'		
DRAWN BY Devlin Moore	DATE	

SESPE
CONSULTING, INC.
374 Poll Street, Ste. 200 • Ventura, CA 93001
(805) 275-1515 • www.sespeconsulting.com
DATE PREPARED: 12/29/94

CONNOLLY-PACIFIC CO.	
EMPIRE QUARRY RECLAMATION PROGRESS REPORT SITE PLAN COMPARISON	
FOURTH NUMBER	5

AERIAL: GOOGLE EARTH,
DATED 06/01/94

Response to 1/14/97
Letter From Dept. of Conservation



HARRY W. STONE, Director

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

February 3, 1997

IN REPLY PLEASE
REFER TO FILE:

B-1

Mr. Lawrence J. Goldzband
Department of Conservation
Division of Mines and Geology
801 K Street
Sacramento, CA 95814-3528

Dear Mr. Goldzband:

EMPIRE QUARRY - SURFACE MINING PERMIT NO. 86-137-(4)
CALIFORNIA MINE ID#91-19-0011

Financial assurance for the Empire Quarry is not required. This mine has not been disturbed since January 1, 1976. According to the Surface Mining and Reclamation Act (SMARA), financial assurance is not required for mined lands on which surface mining operations were conducted prior to January 1, 1976.

Connolly Pacific Company submitted evidence in the form of aerial photos to demonstrate that no mining activity in this site has occurred since January 1, 1976. We have also received an affidavit from the mine operator stating that no disturbance has occurred in this site. We are enclosing copies of these documents for your files.

We have accepted the documents submitted by Connolly Pacific Company as proof that no surface mining operations were conducted in this site after January 1, 1976. A financial assurance will be required if mining operations resume in this site. In the meantime, Empire Quarry is not required to have a financial assurance in place and is in compliance with SMARA.

If you have any questions, please contact me at (818) 458-4943.

Very truly yours,

HARRY W. STONE
Director of Public Works

Ron Lacayo
RON LACAYO

Supervising Civil Engineer III
Building and Safety/Land Development Division

RL:ca/DRL96/GOLD

Enc.

cc: Connolly Pacific Company
Regional Planning (Frazier)

CALIFORNIA SURFACE MINING AND RECLAMATION



INTERIM MANAGEMENT PLAN FORM
THE STATE MINING AND GEOLOGY BOARD



State of California
DEPARTMENT OF CONSERVATION
STATE MINING AND GEOLOGY BOARD
INTERIM MANAGEMENT PLAN FORM

CA MINE ID# 91-19-0011

MINE NAME Empire Quarry

1. Company Operating Connolly-Pacific Co	Site Contact Person Paul Romo	Telephone 310-510-0628
Street Address/P.O. Box No. 901 Pebbly Beach Road	City Avalon	State/ZIP Code/County CA/90704

2. Designated Agent's Name (Individual must reside in CA) Steven A. Schryver	Mailing Address 1925 W. Pier D Street	
City Long Beach	ZIP Code 90802	Telephone 562-257-5504

3. Owner of Mining Operation Connolly-Pacific Co		Telephone 562-257-5500
Mailing Address 1925 W. Pier D Street		
City Long Beach	State/ZIP Code CA/90802	Country (If other than U.S.A.)

4. Landowner Santa Catalina Island Resort Services	Assessor's Parcel #
Mailing Address P.O. Box 2019	Telephone 310-510-2000
City/State/ZIP Code Avalon, CA 90704	Country (If other than U.S.A.)

5. Number or description of reclamation plan amended by IMP 86137-(4)	
Date Approved May 29, 1987	Copy Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

6.a. Date Mine Became Idle February 15, 2013	6.b. Date Mining Expected to Resume January 6, 2014
---	--

7.a. Previous Maximum Annual Production 12,000 tons	7.b. Production While Idle 500 Tons
--	--

CALIFORNIA SURFACE MINING AND RECLAMATION

INTERIM MANAGEMENT PLAN FORM
THE STATE MINING AND GEOLOGY BOARD

8. ☒ Yes ☐ No Financial Assurances approved by Lead Agency. Complete section below for approved Financial Assurances:

ATTACH COPY AND PROOF OF APPROVAL

a. Amount	Type	Date Posted	Date of Annual Review by Lead Agency	Expiration Date or Renewal Date (if applicable)
\$ 71,000.00	Bond	April 10, 2001	February 8, 2013	April 9, 2014

b. ☐ Yes ☒ No Proposed changes to Financial Assurance. ☒ Yes ☐ No Financial Assurance Cost Estimate attached.

A plan for maintaining the site in a safe and stable condition that includes the following elements must be attached to this form. Check the following boxes to verify that the appropriate information is attached.

9. Management Plan (Attach narrative that addresses all of the following.)

a. ☒ Description of Surface Mining Activities

b. ☒ Erosion Control Plan

If vegetation will not be used to control erosion while the site is idle, provide an explanation and describe an alternative method for surface erosion control in the previous section.

c. ☒ Revegetation Plan

d. ☒ Public Safety

e. ☒ Monitoring and Maintenance Plan

f. ☒ Site Photos

g. ☒ Map

Check the appropriate boxes and attach a map that clearly depicts the relevant information at a legible scale.

☒ Current Topography

☐ Permit Reclamation Plan Boundary

☒ Areas Disturbed by Surface Mining Operations

☒ Stockpiles of Ore, Overburden, Waste, etc.

☐ Sedimentation Pond

☒ Office, Shop, Scalehouse, or Other Structures

☐ Utilities

☐ Site Drainage

☐ Erosion Control Structures

☐ Cross Sections

☐ Additional Information

CALIFORNIA SURFACE MINING AND RECLAMATION

INTERIM MANAGEMENT PLAN FORM
THE STATE MINING AND GEOLOGY BOARD

10. Attachments

- ☐ Approved reclamation plan (Attach only if there are proposed changes)
- ☒ Financial Assurance Cost Estimate
- ☒ Approved Financial Assurance and Proof of Approval
- ☐ Storm Water Pollution and Prevention Plan (Attach only if the SWPPP will be used in lieu of separate erosion control plan)
- ☐ Permit
- ☐ CEQA Mitigation and Monitoring Plan (Attach if mitigation measures were imposed in approving the reclamation plan)

Prepared by	David Scott	Date	May 16, 2013
Submitted by	Steven Schryver	Date	May 16, 2013
Approved by		Date	

CONNOLLY PACIFIC CO.

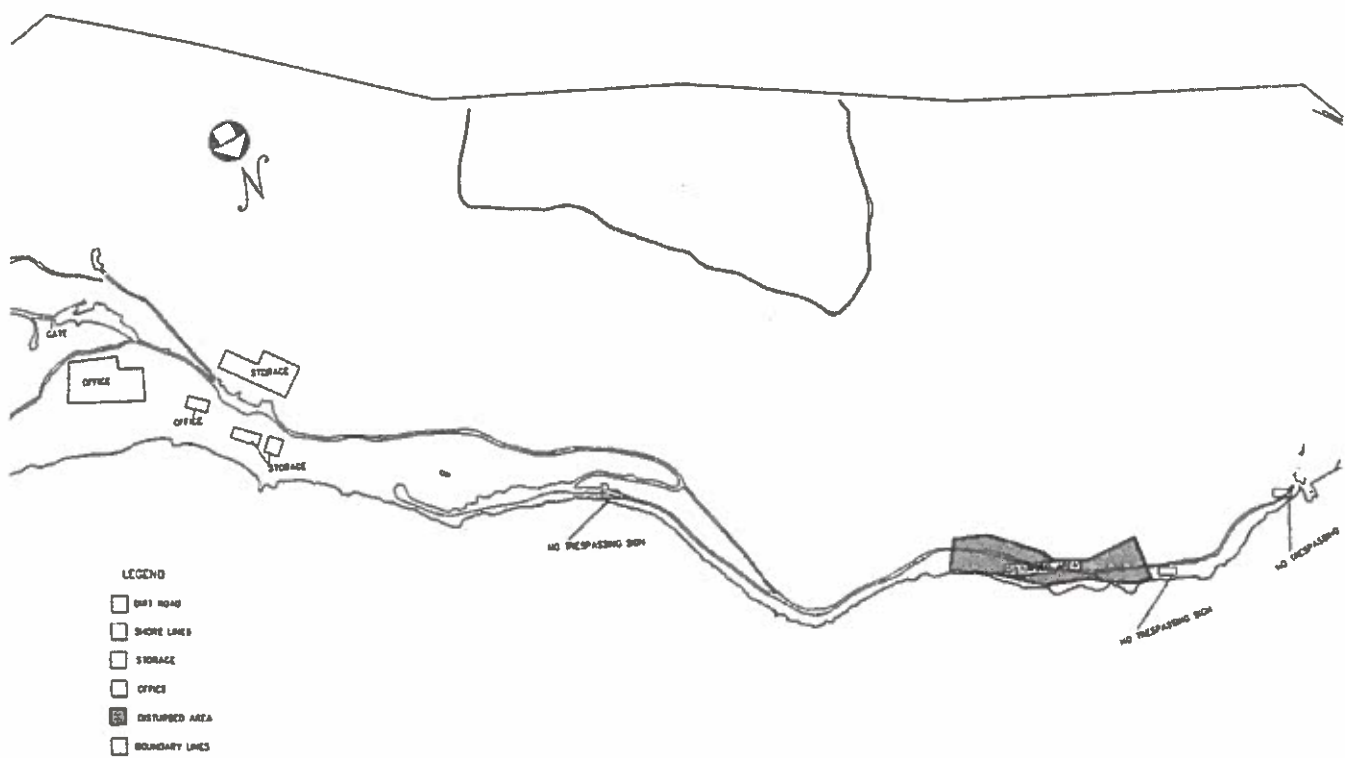
DISTURBED AREA = 169,462 SF

EMPIRE QUARRY

Scale 1" = 100'

DATE	10/1/77
BY	J. J. Connolly
CHECKED BY	J. J. Connolly
APPROVED BY	J. J. Connolly

DATE	10/1/77
BY	J. J. Connolly
CHECKED BY	J. J. Connolly
APPROVED BY	J. J. Connolly



Management Plan

A. Surface Mining Activities

The Empire Quarry produces rock construction materials which range in size from sand-sized grains to boulders which measure several feet across and weigh upwards of several tons. The larger products are used primarily in the construction of marine facilities (e.g. Artificial islands and reefs), and the smaller materials can be used for a number of construction projects.

The products are mined using blasting methods consisting of down holes and lifter holes blasting. As the materials falls, it breaks into varying sized boulders which may be broken down further during processing. The material creates a talus pile, which is mucked to remove the material that is needed. A breaker is set-up in the material processing area located on-site. The breaker is used to break the material to ordered specifications and then transport the finished product to onsite stockpiles or to waiting barges via crane.

B. Erosion Control Plan

The objective of this plan is to identify problem areas that are susceptible to erosion and develop measures to minimize its effects at those sites. Steep slopes are present on site, and those areas have the greatest potential for severe wind and water induced erosion. Through source control we intend to minimize the initial mobilization of sediment and with our two retention structures located before our site discharge point we have a redundant level of safety. Our intent is to establish intercepting ditches at the crest of steep and susceptible disturbed sites and to establish a vegetative mat on problem areas before the problem develops. In addition these sites will either divert runoff to armored channels or use benching and coarse debris to slow down water velocity, prevent riling and moderate erosion. This will involve an evaluation of the longer cut and fill slopes along the access road as well as driving the design of reclamation work on the material processing area.

C. Revegetation Plan

Establishing a vegetative layer is critical to sites where there are exposed slopes and once established eliminates the need for continual monitoring and maintenance by protecting the lighter, organic soil fractions from being displaced, retaining moisture, and preventing slope destabilization. Establishing permanent areas of vegetation, or the temporary seeding of hardy, fast growing species, can offer short or long term erosion control.

The choice of vegetation species will depend on many factors, such as availability, hardiness and emergence. Two important factors in choosing vegetation well suited specifically for erosion control are those that provide roughness on the site surface, and have extensive rooting systems that will break up the top layer of soil. Both of these factors will improve water infiltration into the soil.

Seedbed preparations for vegetation establishment on steep slopes will have to be considered for those sites where it is determined to be a concern, and could include slope stabilization, stream course protection through the use of mats and mulch or organic matter application. Soil properties including organic matter content and nutrient level must also be addressed to promote successful re-vegetation.

D. Public Safety

The Empire Quarry is located in a secluded area where access is very limited. The Empire Quarry is protected by a gate at the front entrance. The main gate is the only safe access point for entry into and exiting out of the quarry. There is a rock barrier with signs posted reading "Keep out" "No trespassing or Landing" along the shoreline. The upper roads/trails that lead towards the quarry are patrolled by the Catalina Island Conservancy Rangers /Police Officers.

E. Monitoring and Maintenance Plan

Site Security

A perimeter barrier to prevent entry and restricted access signage will be provided as necessary, where there is the potential for accessibility to the public.

The restricted access signs will be constructed of a durable material, such as metal or plastic, and will be written in both English. The signs will read: "Keep out"- "No Trespassing or Landing". All barriers and gates will be routinely inspected for structural damage, weathering, vandalism, and missing or damaged warning signs.

Grading of Fill Areas

The final grading plan is designed to have all water run to the middle of the quarry. The water will pool and be infiltrated into the soil. The overall condition of the grading will be visually inspected on a quarterly basis (including one inspection before the rainy season) and after major rainfall events. If differential settlement is noted, such as pooling or low spots at the outer edges of the quarry, then repair will be performed as necessary and maintenance will begin at the earliest time feasible, as described in the subsequent section on Site Maintenance.

Site Maintenance

Preventative maintenance needs will be identified through a quarterly inspection of the surroundings areas within the Site. A visual inspection will be conducted to identify evidence of differential settlement and erosion of the slopes. Further inspection will include an examination of the surface drainage, vegetative cover, and security features.

Maintenance of Unpaved Areas

Visual inspection of grounds will be conducted to locate evidence of differential settlement.

Repair of differential settlement in unpaved areas shall be conducted by importing soil and regading surfaces if pooling occurs.

Maintenance of Storm Drainage and Erosion Control

The parking surfaces and drainage channels will be inspected for evidence of accumulated trash, debris, and sediment. These areas will be cleaned on a routine basis.

Unpaved areas will be inspected for erosion and settlement due to wind and rain. To repair erosion damage, the Site will be re-graded and BMPs will be implemented as needed.

Vegetative cover within the quarry will also be visually inspected for erosion control and slope protection. Slopes, eroded surfaces, and areas of sparse or dead vegetation will be repaired by replanting and reseeding as required with appropriate plant species.

Litter Control

Visual inspections will be conducted for the presence of accumulated trash, debris, and cast-off materials. The parking and work areas will be cleared of trash and debris.

Site Monitoring and Inspection Program

In addition to the routine inspections conducted by the County for regulatory compliance, the property owner or their representative will be performing at least quarterly self-audits to assess Site maintenance and any needs for corrective actions.

EMPIRE LANDING

CALIFORNIA SURFACE MINING AND RECLAMATION ACT

FINANCIAL ASSURANCE ESTIMATE

California Mine ID # 91-19-0011

December 2012

Lead Agency:

Los Angeles County, Department of Public Works

900 South Fremont, Alhambra, CA 91803

Operator:

Connolly-Pacific Company

1925 Pier D Street, Berth D 40, Long Beach, CA 90802

Preparer:

OR Company, 28241 Crown Valley Parkway, # 606,

Laguna Niguel, CA 92677

INTRODUCTION

This Financial Assurance Estimate (FAE) is submitted to Los Angeles County, the Lead Agency for the Surface Mining and Reclamation Act (SMARA). It is provided to comply with SMARA's Section §2773.1 for the purposes of providing assurance for completion of reclamation for Empire Landing, owned and operated by Connolly-Pacific Company, in accordance with its approved Reclamation Plan.

The format and calculations provided follow the California State Mining and Geology Board's Financial Assurance Guidelines (May 2004). Equipment rates used in this Financial Assurance Estimate utilize Caltrans "Labor Surcharge Equipment Rental Rates". Labor rates are from the California Prevailing Wages obtained from the California Division of Labor Statistics and Research.

CURRENT STATUS

Empire Landing is operated by Connolly-Pacific Company located on the northern area of Catalina Island, and north of Avalon, Catalina. Mining and reclamation are permitted under Conditional Use permit #SM 86137. Empire Landing is an active hard rock quarry with approximately disturbed 14 acres, and mined to blast and process rip rap and jetty stone. After blasting, the materials are sized for various uses and specifications and shipped predominately by barge after loading from the shoreline areas of the mine. Mining has been very limited over the last several years, predominately due to the jetty or rip rap specifications for this type material. Most supplying has gone to uses on the island for roads and erosion control. Recently, a landslide occurred at the site that this year's financial assurance addresses its reclamation in the following pages.

RECLAMATION CALCULATIONS AND COST SUMMARY OF:

Empire Landing, California Mine ID # 91-19-0011

Reclamation Objective: Open Space

1.0 Primary Reclamation Activities

Task 1.1 – General Grading

Method:

General/rough grading of site's approximate and reported general disturbed acreage areas.

Miscellaneous Information:

Grade approximately 9 acres of flat or general site operational areas and roads. D8R Dozer with a 14' blade (2 ft. overlap): Average speed 2.5 mph, 50 minute hour. Production Rate: 3.0 Acres per Hour.

A. Equipment

Equipment	Quantity	\$/Hour	# of Hours	Costs (\$)
CAT D8Dozer	1	\$158.00	9	\$1,422.00
Water Truck	1	\$53.00	8	\$424.00

B. Labor

Labor Category	Quantity	\$/Hour	# of Hours	Costs (\$)
Operating Engineer	1	\$60.00	9	\$540.00
Truck Driver	1	\$30.00	8	\$240.00

C. Materials

Item	Quantity	\$/Unit	Other	Cost (\$)
N/A	0	0	0	0

D. Direct Cost for this Task

Equipment Cost + Labor Cost + Material Costs \$2,626.00

Task 1.2 – Redistribution of Overburden and Slope Contour Grading

Method: Redistribute overburden to assist in general grading and re-vegetation. Contour slopes to comply with final reclaimed designs.

Miscellaneous Information: This site recently experienced a landslide resulting in the need to address approximately 1,900 cubic yards of materials to be used to berm the shoreline and reconstruct the slope base for erosion control. Additionally, the slope contouring will include construction of surface water ways to settlement ponds. Usual overburden distribution of approximately 3,000 cubic yards of materials is also addressed. Use CAT D8N Dozer with Production Rate of 750 cubic yards per hour with Avg. Dist. Of 50 feet; and Operator Avg.; Material Varies expecting Efficiency of 50 Min. Hours. Also, use of CAT 436 Front End Loader and Dump Truck are used to move landslide materials to proper placement, and where capable compactor.

A. Equipment

Equipment	Quantity	\$/Hour	# of Hours	Cost (\$)
CAT D8Dozer	1	\$158.00	32	\$5,056.00
Water Truck	1	\$53.00	16	\$848.00
CAT 436 Front End Loader	1	\$36.00	32	\$1,152.00
Dump Truck/10yds.	1	\$40.00	40	\$1,600.00
Compactor	1	\$80.00	24	\$1,920.00

B. Labor

LaborCategory	Quantity	\$/Hour	#/Hours	Cost (\$)
Operating Engineer	1	\$60.00	64	\$3,840.00
Water, Dump Truk Drivers/Compactor Labor	1	\$30.00	56	\$1,680.00

C. Materials

Item	Quantity	\$/Unit	Other	Cost (\$)
N/A	0	0	0	0

D. Direct Cost for this Task: Equipment Cost + Labor Cost + Materials Cost: \$16,096.00

2.0 REVEGETATION

Methods:

Broadcast seed flat area acreage and hydro-seed slope areas at a seed application rate of per pounds per acre, approved in Reclamation Plan.

Miscellaneous Information

Annually cross-check cost of broadcast seeding currently estimated at \$500.00 per acre and hydro-seed estimated at \$1,500.00 per acre (with 25% follow-up seeding). Broadcast seed approx. 9 acres. And hydroseed approximately 5 acres.

A. Equipment

Equipment	Quantity	\$/Hour	# of Hours	Cost (\$)
None	0	0	0	0

B. Labor

LaborCategory	Quantity	\$/Hour	# of Hours	Cost (\$)
None	0	0	0	0

C. Materials

Item	Quantity (Acres)	\$/Acre	Other	Cost (\$)
Hydroseed	5	\$1,500.00	0	\$7,500.00
Broadcast Seed	9	\$500.00	0	\$4,500.00
Follow Up 25%	4	\$500.00	0	\$2,000.00

D. Direct Cost for this Task

Equipment Cost + Labor Cost + Material Cost: \$14,000.00

PLANT STRUCTURES AND EQUIPMENT REMOVAL**Method:**

Evaluate value of equipment and compare to its cost of removal. Value differences should demonstrate the cost for this section of the financial estimate. Use provided worksheets.

Miscellaneous Information

No equipment is on the site and roads are graded with no pavement. Only structure is gate to access the site and small older entrance hut.

A. Equipment

Equipment	Quantity	\$/Hour	# of Hours	Cost (\$)
CAT436 Loader	1	\$36.00	8	\$288.00
Flatbed Truck	1	40.00	8	\$320.00

B. Labor

LaborCategory	Quantity	\$/Hour	# of Hours	Cost (\$)
Operating Eng.	1	\$60.00	8	\$480.00
Truck Driver	1	\$30.00	8	\$240.00
Labor	2	\$10.00	8	\$160.00

C. Disposal

Structure Equipment and Type	Volume Cubic Yards	Unit Cost	Disposal Cost	Cost (\$)
Foundations	25	\$35.00		\$875.00
General Site	50	\$15.00		\$750.00

D. Direct Cost for this Task

Equipment Cost + Labor Cost + Materials Cost: \$3,113.00

2.0 MISCELLANEOUS COSTS

TASK 4.1 – SITE BEST MANAGEMENT PRACTICES (BMPs)

Method:

Install Best Management Practices appropriate for the site. May include a variety of activities addressing such items as surface runoff, removal of special waste, erosion control, etc., that sustain completed reclamation.

Miscellaneous Information:

At this site, once the relocation of the landslide materials is completed the only remaining BMP is diversion ditches to control surface water runoff and direct these waters to settlement ponds.

A. Equipment

Item	Quantity	\$/Unit	# of Units	Cost (\$)
CAT 436 FEL	1	\$36.00	8	\$288.00

B. Labor

LaborCategory	Quantity	\$/Hour	# of Hours	Cost (\$)
Operating Eng.	1	\$60.00	8	\$480.00

C: Other Items

Item	Units	\$/Unit		Cost(\$)
Hay Bales	20	\$10.00		\$200.00

E. Direct Cost for this Task:

Equipment Cost+ Labor Cost + Other Costs: \$968.00

Task 4.2 – INVASIVE SPECIES PREVENTION AND WEED CONTROL**Method:**

During planting and monitoring periods, laborers control non-native vegetation. This site has had ongoing weed control for last several years.

Miscellaneous Information:

Estimate calculates one day of weed control per year and similarly for monitoring years.

A. Equipment

Equipment	Quantity	\$/Hour	# of Hours	Cost (\$)
Truck	1	\$40.00	24	\$960.00

B. Labor

LaborCategory	Quantity	\$/Hour	# of Hours	Cost (\$)
Labor	2	\$10.00	24	\$480.00

C. Materials

Item	Quantity	\$/Unit	Other	Cost (\$)
N/A				0

D. Direct Cost for this Task

Equipment Cost + Labor Cost + Material Costs: \$1,440.00

3.0 MONITORING

Method:

Monitor for successful re-vegetation, slope stability, erosion control, final grading, maintenance and other related items.

Miscellaneous Information:

This site has a continuously ongoing monitoring program for years requested by USFS for re-vegetation and has continually demonstrated planting and weed control as successful. Additionally, slopes continue to demonstrate stability, and are addressed when considered for mineral access and final design.

A. Monitoring

Monitoring Tasks	\$/Visit	Visits Per Year	# of Years	Costs (\$)
Revegetative Monitoring	\$1,000.00	1	3	\$3,000.00
Reports	\$1,000.00			\$1,000.00

B. Direct Cost for this Task

Total Monitoring Cost: \$4,000.00

4.0 SUMMARY OF COST

Direct Costs:

All Primary Reclamation Activities Cost	\$2,626.00
Redistribution of Overburden and Slope Contouring	\$16,096.00
All Re-vegetation Costs	\$14,000.00
All Plant Structures and Equipment Removal Costs	\$3,113.00
Best Management Practices	\$968.00
Invasive Species Management	\$1,440.00
Monitoring	\$4,000.00
Total of Direct Costs	\$42,243.00

Indirect Costs

Supervision (5% of Direct Costs)	\$2,112.00
Profit / Overhead (10%)	\$4,224.00
Contingencies (10%)	\$4,224.00
Mobilization (3%)	\$1,267.00
Total of Indirect Costs	\$11,827.00
Total of Direct and Indirect Costs	\$54,070.00

Lead Agency Administration Cost (5% of Costs)	\$1,622.00
---	------------

Total Estimated Cost of Reclamation: \$55,692.00

Change Rider

To be attached to and form a part of surety bond number 905009803, dated the 10th day of April, 2001, issued by Liberty Mutual Insurance Company, as surety on behalf of **Connolly-Pacific Co.**

, as principal (the "Principal"), in favor of **County of Los Angeles**

, as obligee (the "Obligee").

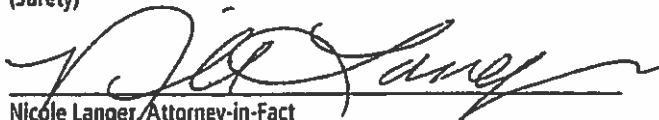
The Principal and the Surety hereby consent to changing the attached bond as follows:

Amends the Bond Amount to \$71,000.00 from \$45,000.00

This change is effective the 5th day of March, 2013. The attached bond shall be subject to all of its terms, conditions and limitations except as herein modified.

IN WITNESS WHEREOF, said Principal and Surety have caused these presents to be duly signed and sealed this 5th day of March, 2013.

Liberty Mutual Insurance Company
(Surety)



Nicole Langer, Attorney-in-Fact

(Seal)



GAIL FARBER, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
<http://dpw.lacounty.gov>

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

January 12, 2016

IN REPLY PLEASE
REFER TO FILE **LD-3**

Reporting Unit
California Department of Conservation
Office of Mine Reclamation
801 K Street, MS 0906
Sacramento, CA 95814



**EMPIRE QUARRY
CALIFORNIA MINE IDENTIFICATION NO. 91-19-0011
LEAD AGENCY INSPECTION NOTICE**

Enclosed is a copy of the 2015 Surface Mining Inspection Report (MRRC-1) completed by the County of Los Angeles, pursuant to PRC 2774(b), for the Empire Quarry (California Mine Identification No. 91-19-0011) mine. Inspection of this mine was completed on October 21, 2015.

The operator has submitted a new Financial Assurance Cost Estimate that is currently under review by the lead agency. Once approved, the mine operator will be responsible for posting the appropriate Financial Assurance Mechanism with the County if the Financial Assurance Cost Estimate is more than the Financial Assurance Mechanism that is currently on file.

Should you have any questions regarding this letter or the annual inspection report for this mine, please contact Mr. Ed Gerlits of our Project Entitlement & CEQA Section at (626) 458-4953 or egerlits@dpw.lacounty.gov.

Very truly yours,

GAIL FARBER
Director of Public Works

ANTHONY E. NYIVIH
Assistant Deputy Director
Land Development Division

ECG:tb

P:\ldpub\SUBMGT\SURFACE MINING\2015\2015 SURFACE MINING INSPECTION REPORT EMPIRE QUARRY Notice to State.doc

Enc.

cc: Connolly Pacific Company (Steve Schryver, David Scott)
Department of Regional Planning (Phil Chund, Oscar Gomez)

SURFACE MINING INSPECTION REPORT

(See reverse side of each form page for completion instructions)

I. Mine Name (As Shown on Approved Reclamation Plan) Empire Quarry	Inspection Date: October 21, 2015	CA MINE ID# 91- 19-0011
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II. Mine Operator Connolly-Pacific Company		Telephone (562) 437-2831
Onsite Contact Person Steve Schryver		Telephone (562) 437-2831
Mailing Address 1925 Pier D Street, Berth D40		
City Long Beach	State California	ZIP Code 90802-1089
E-mail Address (optional) Steve.Schryver@conpaco.com		

III. Designated Agent Dave Scott		Telephone (562) 437-2831
Mailing Address 1925 Pier D Street, Berth D40		
City Long Beach	State California	ZIP Code 90802-1089
E-mail Address (optional) David.Scott@conpaco.com		

IV. SMARA Lead Agency Name (City, County, BCDC, or SMGB) Los Angeles County		
Inspector Ed Gerlits/Matthew Dubiel		Telephone (626) 458-4921
Title Associate Civil Engineer / Senior Civil Engineer	Organization Los Angeles County DPW	
Mailing Address 900 South Fremont Avenue		
City Alhambra	State California	ZIP Code 91803
E-mail Address (optional) egerlits@dpw.lacounty.gov / mdubiel@dpw.lacounty.gov		

V. Does the operation have:	P	NR	No	Yes	
A Permit to Mine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Permit # - Start and Expiration Dates Permit # SM86137 Start: April 24, 1987 Expiration: April 24, 2137
Vested Right to Mine	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Year of Lead Agency determination
A Reclamation Plan	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		RP# 86137-4 Date Approved April 1984
Reclamation Plan Amendment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		RP Amendment # (as applies) Date Approved or Status of Amendment
Has the Operator filed a Mining Operation Annual Report (Form MRRC-2) this Year? Check One: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					Year of Most Recent Filed Annual Report: 2014

VI. Is this Operation on Federal Land? Check One: If "Yes," Provide One or Both of the Federal Mine Land Identification Numbers Below:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
California Mining Claim Number (CAMC#): N/A	Latitude/Longitude at Mine Entrance (Decimal Degrees): N/A	
U.S. Forest Service or BLM Identification Number (Plan of Operations #): N/A	Status of Plan of Operations (Current/Expired/In Process): N/A	

INSTRUCTIONS FOR COMPLETING SURFACE MINING INSPECTION REPORT

Form MRRC-1 (4/97) Page 1 (Rev. 07/13)

This report is intended to comply with the requirements of California's Surface Mining and Reclamation Act (SMARA – Public Resources Code Sections §§ 2710 et seq., and the associated California Code of Regulations found in Title 14, division 2, beginning at § 3500, hereinafter respectively "PRC" or "CCR") and specifically PRC § 2774(b) and CCR § 3504.5 for operations located on private land and/or partly or solely on Bureau of Land Management (BLM) and U.S. Forest Service (USFS) lands (Title 43, parts 3500, 3600, and 3800 of the Code of Federal Regulations). A Memorandum of Understanding between the U.S. Department of Interior, BLM; U.S. Department of Agriculture, USFS; the State of California, Department of Conservation; and the State Mining and Geology Board (SMGB), discusses implementation of SMARA on Federal lands in California that are under the jurisdiction of the BLM and/or the USFS.

As required by PRC § 2774(b) and CCR § 3504.5(g), Lead Agencies shall file an Inspection Notice that includes a statement regarding compliance with SMARA, a copy of this Surface Mining Inspection Report (MRRC-1) and any other supporting documentation with the Department within 30 days of completion of the inspection. The Lead Agency shall also forward a copy of the Inspection Notice, MRRC-1, and any supporting documentation to the operator.

BLOCK I: Enter the name of the Mining Operation, the date of the inspection, and the California Mine ID number.

BLOCK II: Enter the name of the Mine Operator, mailing address, phone number, name, and email address (optional) of the person to serve as the onsite contact.

BLOCK III: Enter the name, mailing address, phone number, and email (optional) of the Designated Agent who, under PRC § 2772(c)(1) and 2207(a)(1), will serve as a contact for any follow-up correspondence or discussions regarding the inspection or noted violations.

BLOCK IV: For "Lead Agency," enter the name of the certified SMARA Lead Agency that is conducting this inspection. Acceptable entries include the name of the city, county, Bay Conservation and Development Commission (BCDC), or State Mining and Geology Board (SMGB). For "Organization," enter the name of the agency, firm or other organization that employs the inspector.

BLOCK V: Check the appropriate boxes.

P	Pending (on appeal or awaiting approval by Lead Agency)
NR, No, Yes	Not required for this operation at the time this inspection was completed
	No
	Yes, supply information

Note: Where appropriate, to aid in determining when the lead agency recognized that the operation has vested mining rights, inspectors are advised to review older agency correspondence, minutes of lead agency hearings, including agendas and staff reports associated with approvals of any kind related to the mining operation.

BLOCK VI: Indicate if the operation is on federal Land; if operation is on federal land, include a California Mining Claim Number and/or a BLM/USFS Identification Number and Plan of Operations Number, if applicable. Give the status of the BLM/USFS Plan of Operations, as indicated. Give the latitude and longitude at the mine entrance in decimal degrees.

DISTRIBUTION INSTRUCTIONS:

One copy of the inspection notice and this completed Inspection Report (all pages) shall be given to the Mine Operator and the operator's designated agent by the lead agency (PRC Section 7374(b)).

The Lead Agency must retain the original copy of this Inspection Report and submit one copy of this Inspection Report, along with an original inspection report notice (PRC Subsection 2774(b)), within 30-days of the completion of the inspection, to:

Department of Conservation
Office of Mine Reclamation
801 K St MS 09-06 Sacramento, CA 95814-3529

If any part of the operation inspected is on BLM or USFS land, one copy of this Inspection Report should be forwarded to the appropriate BLM or USFS office.

SURFACE MINING INSPECTION REPORT

VII. Financial Assurance		Inspection Date: October 21, 2015	CA MINE ID#: 91- 19-0011	
Type of Financial Assurance Mechanism(s) Surety Bond	Financial Assurance Mechanism Number(s) Liberty Mutual # 905-009-803	Amount of Mechanism \$71,000/00	Date of Expiration Indefinite	Date of Lead Agency Approval of Mechanism N/A
Total Amount of Mechanism(s)		\$71,000.00		
<input type="checkbox"/> Financial Assurance Mechanism Pending Review by Lead Agency? If yes, provide date submitted/explanation and amount of pending mechanism: <div style="font-size: 1.5em; margin-top: 10px;">N/A</div>				
Has there been a change of operator since last inspection? If yes provide the date of notice. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date of Change:	If yes, has the new operator posted a Financial Assurance Mechanism? <input type="checkbox"/> Yes <input type="checkbox"/> No If not, describe status of new operators Financial Assurance Mechanism: <div style="font-size: 1.5em; margin-top: 10px;">N/A</div>		Does new operator's Notice of Change include a statement of responsibility for reclamation? <input type="checkbox"/> Yes <input type="checkbox"/> No <div style="font-size: 1.5em; margin-top: 10px;">N/A</div>	

Date and Amount of Most Recent Approved Financial Assurance Cost Estimate:	Date: 11/05/14 Amount: \$70,213.00
<input checked="" type="checkbox"/> Financial Assurance Cost Estimate Pending Review with Lead Agency?	Date Submitted/Explanation/Amount of pending estimate: Submitted: October 21, 2015. Financial Assurance Cost Estimate (FACE) \$69,707.
<input type="checkbox"/> Financial Assurance Cost Estimate Appealed by Operator?	Date Submitted to State Mining and Geology Board or Lead Agency for Appeal/Explanation: <div style="font-size: 1.5em; margin-top: 10px;">N/A</div>
<input type="checkbox"/> Other?	<div style="font-size: 1.5em; margin-top: 10px;">N/A</div>

INSTRUCTIONS FOR COMPLETING SURFACE MINING INSPECTION REPORT

Form MRRC-1 (4/97) Page 2 (Rev. 07/13)

BLOCK VII: Type of Financial Assurance Mechanism(s): Fill in the type of mechanism(s) that are on file. PRC § 3803 and SMGB Financial Assurance Guideline number 10 describe Surety Bonds, Trust Funds, or Irrevocable Letters of Credit as acceptable financial assurance mechanisms for non-governmental entity operators. For surface mining operations owned and operated by state and local government entities, Surety Bonds, Trust Funds, Irrevocable Letters of Credit, Pledges of Revenue, and Budget Set Aside are acceptable financial assurance mechanisms.

State the Financial Assurance Mechanism(s) document number(s). State the dollar amount of each Financial Assurance Mechanism(s) currently on file. State the date of expiration of the Financial Assurance Mechanism(s) currently on file. State the date of approval for the most recent lead agency approved Financial Assurance Mechanism(s) on file. State the total dollar amount of mechanisms held for reclamation.

Indicate if any Financial Assurance Mechanisms are pending review by the lead agency and the date and amount of submittal to the lead agency.

Indicate if there has been a change of operator of record since the last inspection and, if so, note the date the change occurred and whether the new operator has signed any document acknowledging reclamation responsibility under the approved reclamation plan and if the new operator has posted a Financial Assurance Mechanism. If a replacement Financial Assurance Mechanism has not been posted, indicate the status of the new operator's replacement Financial Assurance Mechanism. Per PRC § 2773.1(c) and Guideline number 19 of the SMGB's Financial Assurance Guidelines, when operatorship is transferred, "the original financial assurance must remain in effect until the lead agency has approved, following department review, the replacement assurances provided by the successor operator."

The Financial Assurance amount must be adjusted and approved annually to account for new lands disturbed by surface mining operations and lands to be disturbed in coming year, inflation, and reclamation of lands accomplished in accordance with the approved Reclamation Plan (PRC § 2773.1(a)(3) and SMGB Financial Assurance Guideline #16). In order to determine what adjustments, if any, are appropriate to the Financial Assurance Mechanism amount, each mine operator must submit annually a revision of the written Financial Assurance Cost Estimate to the Lead Agency (PRC § 3804(c)). Provide the date of the operator's most recent revision of the Financial Assurance Cost Estimate to the Lead Agency and where appropriate, provide a status of the pending Financial Assurance Cost Estimate. Provide the date and amount of the most recently approved Financial Assurance Cost Estimate.

Also indicate if the Financial Assurance Cost Estimate is under appeal to the lead agency or whether it has been appealed to State Mining and Geology Board as described in PRC § 2770(e).

Use the Financial Assurance "Other" and "Explanation" blocks to provide any other pertinent information regarding the status of Financial Assurance(s). If the operation does not have a sufficient Financial Assurance Cost Estimate and/or Financial Assurance Mechanism, explain in detail.

SURFACE MINING INSPECTION REPORT

VIII. Non-SMARA facility operations conditions solely of local concern (e.g. hours of operation) do not need to be noted here. See Instructions for Block VIII on reverse side of page. [Use separate sheet(s) where necessary. Refer to item numbers below]		CA MINE ID # 91- 19-0011	
Potential Reclamation Plan Requirements:	List Reclamation Plan Requirements (Recommended to be filled out prior to field inspection)	Note Site Conditions and Compliance Issues (Note additional comments on Page 5 as necessary)	VN?
1) General Information	a) Hard Rock Quarry b) 1 MM Tons Per Year c) 2137 d) 2137 e) Open Space	This mine has been idle for several years. A Interim management plan was filed in 2013.	<input type="checkbox"/>
a) Permitted Mineral Product(s)			
b) Approved Production Amount (Annual/Gross)			
c) End Date of Operations Per RP			
d) Permit end date			
e) End Use			
2) Boundaries	a)b)c) Site must operate within permitted boundaries. d) Setback requirements not explicitly shown on Rec. Plan.	An inspection of the mine site was conducted while comparing the disturbed area with the reclamation plan map. Operator appears to remain within the permitted boundaries.	<input type="checkbox"/>
a) Property Boundary			
b) Permit Boundary			
c) Rec. Plan Boundary (RPB)			
d) Setbacks			
3) Slopes – Grading	Disturbed Slopes should not exceed 2:1 ratios current and at closure	There is a slide that occurred sometime between 2010 and 2011. This slide blocks off access the west end of the site. The operator will clear a path though this area when needed. They will be careful not to disturb the toe of the slide.	<input type="checkbox"/>
a) Fill Slopes – Note Condition of:			
i) Slopes – Working (max/current)			
ii) Slopes – Reclaimed			
iii) Compaction			
b) Cut Slopes – Note Condition of:			
i) Slopes – Working (max./current)			
ii) Slopes – Reclaimed			
4) Erosion Control	Erosion control should direct waters to onsite retention areas to avoid overflow into ocean waters		<input type="checkbox"/>
a) BMPs			
b) Grading			
c) Vegetation			
5) Ponds	Not Applicable		<input type="checkbox"/>
a) Design – Function			
b) Capacity (area/depth/volume)			
c) Maintenance			
6) Stream & Wetland Protection	Not Applicable		<input type="checkbox"/>
a) Buffers (distance to channel)			
b) Berms (distance/length/height)			
c) Best Management Practices			
d) Drainage			
e) Grading & Slopes			
f) Stockpiles			
g) Stream Diversions			
7) Sensitive Wildlife & Plant Protection	Not Applicable		<input type="checkbox"/>
a) List Species			
b) Protection Measures			

INSTRUCTIONS FOR COMPLETING SURFACE MINING INSPECTION REPORT

Form MRRC-1 (4/97) Page 3 and 4 (Rev. 07/13)

BLOCK VIII: INSTRUCTIONS FOR EACH DATA COLUMN:

Potential Reclamation Plan Requirements (Column 1): Under CCR § 3504.5(f), "Inspections may include, but shall not be limited to the following: the operation's horizontal and vertical dimensions, volumes of materials stored on the site; slope angles of stock piles, waste piles and quarry walls; potential geological hazards; equipment and other facilities; samples of materials; photographic or other electronic images of the operation; any measurements or observations deemed necessary by the inspector or the lead agency to ensure the operation is in compliance with Public Resources Code Chapter 9." Column 1 provides a list of items that may be included in the approved reclamation plan, either expressly or by reference as described in PRC § 2772(d), which may include conditions of approval, other permit requirements and supplementary documents, including environmental documents, prepared for the project pursuant to Division 13 (commencing with Section 21000).

It is not expected that all reclamation plans will include each item of Section VIII, or be limited to the items listed. Items in Column 1 that are not operative requirements in the reclamation plan may not need to be addressed by the inspection. Operative reclamation plan requirements not listed in Items 1 through 12 may be listed in Item 13, under "Other Reclamation Plan Requirements."

Reclamation Plan Requirements (Column 2): Prior to field inspection, it is recommended that the inspector review the approved reclamation plan and any amendments, as well as any other documents included by reference, including conditions of approval, other permit requirements and supplementary documents, such as environmental documents prepared for the project pursuant to Division 13 (commencing with Section 21000) that specifically relate to reclamation of the mine site. The most recently approved Financial Assurance Cost Estimate and any pending or ongoing enforcement actions should also be reviewed. Conditions of approval that relate to facility operations solely of local concern, such as hours of operation, noise, and dust control are not subject to the inspection.

Column 2 is intended to provide the inspector a place to match any items noted in Column 1 with those items included in the approved reclamation plan either expressly or by reference as described in PRC § 2772(d), which may include conditions of approval, other permit requirements and supplementary documents, including environmental documents prepared for the project pursuant to Division 13 (commencing with § 21000). Also note any Interim Management Plan (IMP) requirements where the mine is subject to an IMP pursuant to PRC § 2770(h).

Indicate the source document for the reclamation plan requirements at the end of the entry in parenthesis; i.e. (COA) (POO) (EIR) (WDR) (SWPPP), etc. Conditions of approval that relate to facility operations solely of local concern, such as hours of operation, noise, and dust control should not be included in Column 2. If items listed in Column 1 of Section VIII of the form are not included in the reclamation plan or other documents included by reference, write not applicable or "NA" in Column 2.

Specific reclamation requirements may not apply to an operation at the time of inspection, but they are important to be aware of to ensure current activity at the site will not prohibit reclamation in accordance with the approved reclamation plan.

A copy of the Surface Mining and Reclamation Act of 1975 and 1993 SMGB regulations may be obtained at <http://www.conservation.ca.gov/omr/lawsandregulations/Pages/SMARA.aspx>.

Site Conditions and Compliance Issues (Column 3): Describe current site conditions and compliance issues noted for both operating and reclaimed surfaces that pertain to the reclaimed condition of the mining site. Block IX is provided for additional space to describe site conditions and/or compliance issues. Attach additional sheets as necessary. Evaluations of slope stability and engineered compaction should be prepared by qualified professionals only. PRC § 2774(b) states "The lead agency may cause an inspection to be conducted by a state licensed geologist, state licensed civil engineer, state licensed landscape architect, or state licensed forester, who is experienced in land reclamation and who has not been employed by a surface mining operation within the jurisdiction of the lead agency in any capacity during the previous 12 months."

VN? (Column 4): Use this box to indicate if violations were noted for any of the specific items under the corresponding item group heading (e.g., Boundaries, Slopes-Grading, etc.) during field inspection of the site. Enter number of violations in the box.

SURFACE MINING INSPECTION REPORT

VIII. Non-SMARA facility operations conditions solely of local concern (e.g. hours of operation) do not need to be noted here. See Instructions for Block VIII on reverse side of page. [Use separate sheet(s) where necessary. Refer to item numbers below]		CA MINE ID # 91- 19-0011	
Potential Reclamation Plan Requirements:	List Reclamation Plan Requirements (Recommended to be filled out prior to field inspection)	Note Site Conditions and Compliance Issues (Note additional comments on Page 5 as necessary)	VN?
8) Soil/Overburden Stockpile Management a) Topsoil i) Location ii) Slope Stability iii) BMPs b) Overburden i) Location ii) Slope Stability iii) BMPs c) Topsoil Application i) Amendments ii) Depth iii) Moisture iv) Application Methods	Operator to maintain stockpiles of top soil and/or overburden material on the site to be used during reclamation and revegetation of the site.	Not much soil stockpiling expected due to hard rock mining site. Some topsoil available from nearby areas come time for final revegetation.	<input type="checkbox"/>
9) Revegetation a) Test Plots b) Species Mix c) Density d) Percent Cover e) Species Richness f) Protection g) Success Monitoring h) Invasive Species Control	Has Operator installed a test plot to demonstrate revegetation will be successful upon reclamation?	Test Plot – The Operator stated that since they are not working on at this quarry and it is in a remote location of the island, it would be difficult to monitor a test plot. Since this site has very little space between the Cliffs and the water, it would be difficult to construct a test plot outside the work area. Invasive Species: The operator has contacted the Island Conservancy and has obtained data regarding successful and unsuccessful revegetation in the Middle Ranch area. The Operator is reviewing this data to be used in future revegetation at the mine site. The Operator is also obtaining information regarding invasive species on the island. There is what appears to be fennel near the entrance to the mine site.	<input checked="" type="checkbox"/>
10) Structures	Remove all structures on site and at loading areas along shoreline	There are two structures at the entrance to the site which are outside the reclamation plan area.	<input type="checkbox"/>
11) Equipment	Obtain an equipment list with corresponding values and cost of removal from Operator.	No equipment is on-site.	<input type="checkbox"/>
12) Closure of Adits	Not Applicable	N/A	<input type="checkbox"/>
13) Other Reclamation Plan Requirements	N/A	N/A	<input type="checkbox"/>

SURFACE MINING INSPECTION REPORT

IX. List comments/description/sketches to support observations of mine site conditions, including violations. Where any violations are noted, list in numerical order, along with suggested corresponding corrective actions. Also describe preventative measures recommended by the inspector to avoid or remedy potential violations. Indicate if you have attached photos, sketches, and/or notice(s) of violation(s) or other documents to this form.

(Add additional sheets as necessary)

There is a slide within the reclamation area that occurred sometime between 2010 and 2011. The Operator indicated they were not mining the site at the time of the slide. The slide blocks off access the west end of the site. The operator will clear a path though this area when needed. They will be careful not to disturb the toe of the slide. Discussions with Los Angeles County Geologist indicate this type of slide along the Coastline of Catalina is not uncommon. Therefore, the violation has been removed from this report.

CA MINE ID #

91- 19-0011

Inspection Date:

October 21, 2015

Weather Code(s):

CL

Duration of Inspection: 1 HOUR

Start Time: 8:30 AM

End Time: 9:30 PM

Status of Mine Code(s):

I

Status of Reclamation Code(s):

RN

Approximate Acreage Under Reclamation:

0

Approximate Acreage the lead agency has determined reclaimed in accordance with the approved reclamation plan: 0

Approximate Total Disturbed Acreage:

8

Approximate Pre-SMARA Disturbed Acreage:

0

Disturbed Acreage Identified in Most Recent Financial Assurance Cost Estimate:

8

Previous Inspection Date (and Number of Violations then Noted):

September 23, 2014, 2

Violations Corrected? (explain in block to left)

1

Inspection Attendees and Affiliations:

Ed Gerlits, PE LA County DPW
Matthew Dubiel, PE, LA County DPW
Phil Chung, LA County DRP
Steve Schryver, Vice President/General Manager, Connolly-Pacific Co.
David Scott, Safety and Compliance Director, Connolly-Pacific Co.

X. Number of Current Violations:

1

Inspectors Signature:

Date Signed:

Ed Gerlits
12/31/2015

If inspector is a contractor for the lead agency give license type and number:

N/A

INSTRUCTIONS FOR COMPLETING SURFACE MINING INSPECTION REPORT

Form MRRC-1 (4/97) Page 5 (Rev. 05/13)

BLOCK IX

Inspectors may use the large open block for comments to describe violations, corresponding corrective actions, or preventative measure(s) suggested by the inspector to address noted violations or avoid potential violations, and to explain any limitations on the inspection conducted. The inspector can also use this space to describe the status of any pending or current enforcement actions. Separate violations that are the subject of existing enforcement actions from violations observed during the current inspection.

Enter California Mine ID Number and Date of Inspection.

Weather Codes: CR = Clear; CL = Cloudy; RN = Rain; SN = Snow; WD = Windy

For "Duration of Inspection," indicate the start and end times of the inspection (do not include travel time).

SMARA Status Codes (based on annual report and reported production under CCR § 3695, indicate the appropriate status code)

I = Idle (Per § 2727.1)

NP = Newly Permitted (must be no mining/disturbance)

AB = Abandoned (Per § 2770(h)(6))

NOP-NC = Not in operation, reclamation not completed

NOP-C = Not in operation, reclamation completed

If idle, indicate either the date operation became idle as defined by PRC Section 2727.1, the date an IMP was approved, or the status of any pending IMP.

Status of Reclamation Codes:

RN = Reclamation not begun

P = Post reclamation monitoring

R = Reclamation in progress

RC = Reclamation complete

Enter approximate acreage under reclamation (the number of acres actively being reclaimed in accordance with the approved reclamation plan).

Enter approximate acreage determined to be reclaimed in accordance with the approved reclamation plan by Lead Agency.

Enter approximate total disturbed acreage. This includes all acreage disturbed by the surface mining operation, as defined by PRC § 2729: "Mined Lands" includes the surface, subsurface, and ground water of an area in which surface mining operations will be, are being, or have been conducted, including private ways and roads appurtenant to any such area, land excavations, workings, mining waste, and areas in which structures, facilities, equipment, machines, tools or other materials or property which result from, or are used in, surface mining operations are located." This should include acreage under reclamation that has not been determined to be reclaimed in accordance with the approved reclamation plan by the Lead Agency.

Enter the total number of acres within or adjacent to the disturbance area of the operation disturbed pre-SMARA (disturbance before January 1, 1976, that has not had mining related disturbance after January 1, 1976).

Enter the disturbed acreage identified in the most recent Financial Assurance Cost Estimate (i.e., the disturbed acreage that was used to calculate the most recent Financial Assurance Cost Estimate).

Enter the date of the previous lead agency inspection and number of violations noted during that inspection.

Attendees: Provide the names and affiliations of parties in attendance at the inspection.

BLOCK X:

Enter the number of violations noted during the inspection. Sign and date the Inspection Report. If the inspector is a consultant to the lead agency, include the inspector's certification (PE, PG, CEG, etc.) and license number, if applicable. The lead agency may cause an inspection to be performed by contracting with private consultants, specifically: state licensed geologist, state licensed civil engineer, state licensed landscape architect, or state licensed forester per § 2774(b).

THE DEPARTMENT OF REGIONAL PLANNING
COUNTY OF LOS ANGELES
320 West Temple Street
Los Angeles, California 90012

NOTICE OF PUBLIC HEARING

SURFACE MINING PERMIT AND
RECLAMATION PLAN CASE NO. PD 86137-(4)

This is to inform you of a public hearing concerning a request for a Surface Mining Permit and Reclamation Plan to allow rock quarry operations on Catalina Island approximately one mile west of Empire Landing within a 218 acre site.

The site is within the M-3 Zone (Unclassified Zone) of the Catalina Zoned District of Los Angeles County.

DATE OF HEARING: Tuesday, April 14, 1987

TIME OF HEARING: 9:00 a.m.

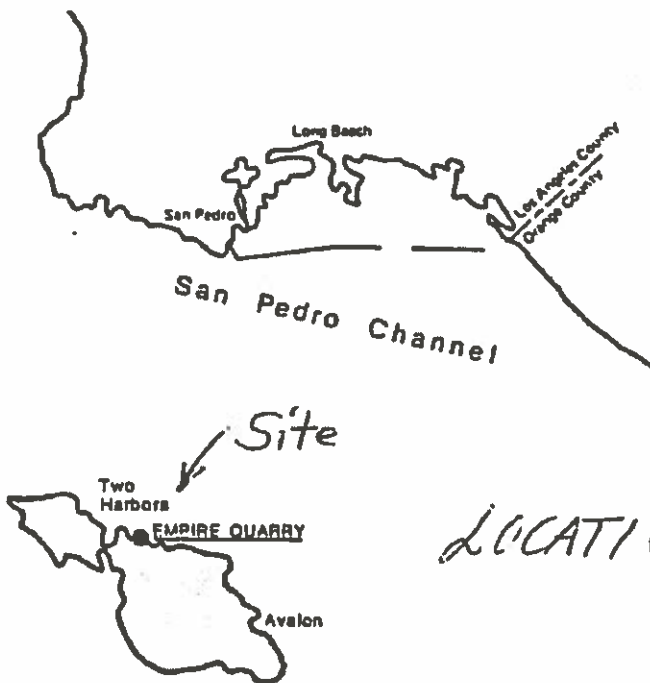
LOCATION OF HEARING: Room 150 of the HALL OF RECORDS
320 W. Temple Street, Los Angeles, CA

FACTUAL REPORT AND
ENVIRONMENTAL DATA:

Will be available beginning April 4,
1987, at the following County Offices:

Avalon County Library
215 Summer Avenue
Avalon, CA 90704

Department of Regional Planning
Hall of Records, Room 1346
320 West Temple Street
Los Angeles, CA 90012



NOTE: This case does not affect the zoning of your property. If you are unable to attend the public hearing but wish to send written comments, please send them to the Department of Regional Planning at the above address, Attention: Mr. John Shea. If you desire additional information, please contact Mr. Shea at (213) 974-6446.



Los Angeles County Department of Regional Planning
320 West Temple Street, Los Angeles, California 90012, Phone 974-6448

**SURFACE MINING PERMIT AND
RECLAMATION PLAN CASE NO. 86137-(4)**

RPC MEETING DATE

AGENDA ITEM

APPLICANT Connolly - Pacific	OWNER Santa Catalina Island Company	HEARING OFFICER HEARING DATE April 14, 1987
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REQUEST To continue an existing quarry.

LOCATION/ADDRESS Approximately one mile west of Empire Landing, Catalina Island. ACCESS Graded, unimproved roads from Empire Landing / Catalina Airfield			ZONED DISTRICT	Catalina
			COMMUNITY	Catalina Island
			EXISTING ZONING	M-3
SIZE	EXISTING LAND USE	SHAPE	TOPOGRAPHY	
218 acres	Rock quarry	Irregular	Cliffside ocean	

SITE PLAN ANALYSIS The site plans, Exhibits "A-1 and A-2", show the areas of mining activity along the ocean cliffisdes of the northerly boundary of the site as well as the areas of stock piles and loading facilities. The reclamation profiles show the various benches and slopes with proposed armor rock piles and final slope finishing treatments. Most of the site is to remain undeveloped as open space.

SURROUNDING LAND USES North: Pacific Ocean	East: Vacant
South: Vacant	West: Vacant

APPLICABLE GENERAL PLAN: DESIGNATIONS

COUNTYWIDE Non urban

AREA/COMMUNITY Santa Catalina - Local Coastal Plan - rock quarry

ENVIRONMENTAL STATUS Negative Declaration (with condition)

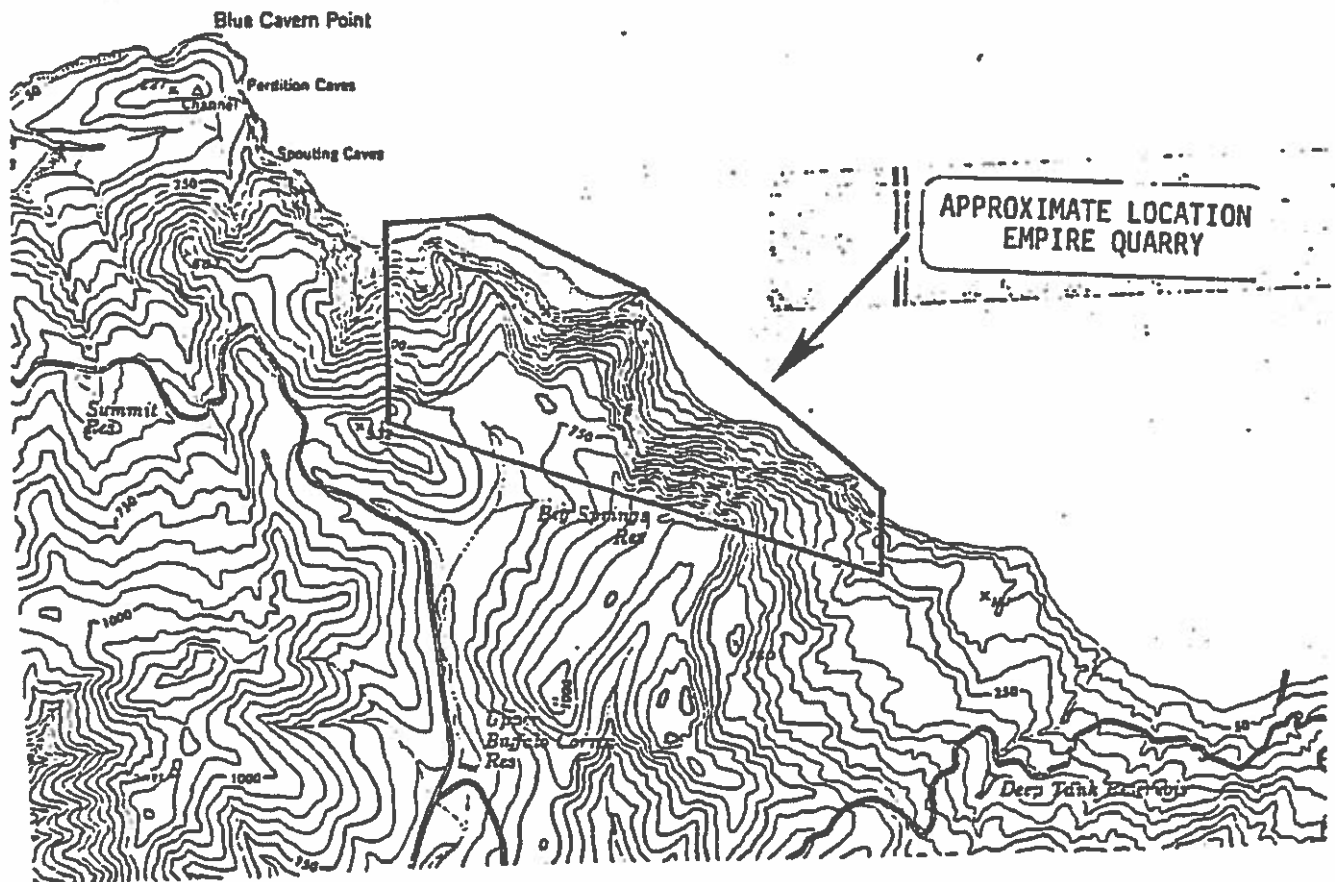
OTHER CASES ON PROPERTY None

COMMENTS RECEIVED AS OF April 1, 1987

Public: None

Other Agencies: State Division of Mines and County Department of Public

Surf. Mine Pmt. + Recl. Plan 86137-(4)



**SURFACE MINING PERMIT AND
RECLAMATION PLAN CASES**

**86136-(4) &
86137-(4)**

ISSUES AND ANALYSIS

Both sites can be considered similar in nature as to issues related to use and their reclamation plans.

The principal issues of which the applicant has agreed to resolve prior to the public hearing are as follows:

- 1) Definitive boundaries to show the maximum anticipated mining activities on each site for the 10 year review. This will be depicted on revised plans.
- 2) A statement of what constitutes a closure or cessation of operations, and what program would be in place to assure implementation of the Reclamation Plans should the permittee quit the lease sites.

An Explosive Permit has been included in conjunction with Case No. 86136-(4) for the Pebbly Beach quarry since a magazine exists to store in excess of 100 pounds of explosives on that site.

Prepared by: John Shea

STAFF RECOMMENDATION (Subject to revision based on public hearing)

Approve with the attached conditions.

Attachments:

- Reclamation Plans
- Correspondence, State Division of
Mines and Geology, Dept. of Public Works
- Fire Department Explosives Permit Approval on SM 86136-(4)

Surface Mining Permit and
Reclamation Plan No. 86137-(4)

DRAFT CONDITIONS

1. Unless otherwise apparent from the context, the term "permittee" shall include the applicant and any other person, corporation, or other entity making use of this grant.
2. This grant shall not be effective for any purpose until the permittee and the owner of the property involved (if other than the permittee) have filed at the office of the Department of Regional Planning their affidavit stating that they are aware of, and agree to accept, all of the conditions of this grant.
3. The permittee shall reimburse the County for any court and attorney's fees which the County may be required to pay as a result of any claim or action brought against the County because of this grant. Although the permittee is the real party in interest in an action, the County may, at its sole discretion, participate at its own expense in the defense of the action, but such participation shall not relieve the permittee of any obligation under this condition.
4. If any provision of this grant is held or declared to be invalid, the permit shall be void and the privileges granted hereunder shall lapse.
5. The subject property shall be developed, maintained and operated in full compliance with the conditions of this grant and any law, statute, ordinance or other regulation applicable to any development or activity on the subject property. Failure of the permittee to cease any development or activity not in full compliance shall be a violation of these conditions.
6. Notice is hereby given that any person violating a provision of this grant is guilty of a misdemeanor. Notice is further given that the Regional Planning Commission may, after conducting a public hearing, revoke or modify this grant, if it finds that these conditions have been violated or that this grant has been exercised so as to be detrimental to the public health or safety or so as to be a nuisance.
7. This grant allows the operation of a rock quarry subject to the following restrictions as to use:
 - a. All surface mining operations shall be confined to the leasehold area shown on applicant's Exhibit A and, except for hours of operation, shall comply with the applicable development standards specified within Section No. 22.56.1380 of the Los Angeles County Code, which are incorporated within these conditions by reference, and with the approval reclamation plan.

- b. The stockpiling of rock, sand and gravel, and other minerals, and the installation, maintenance or operation of rock crushing plants or apparatus are permitted by this grant.
 - c. Batching plant or mixing plants for either portland cement or asphaltic concrete, are specifically prohibited.
 - d. The operator shall notify the Director of Planning and the Department of Public Works of his intention to close down operations at least 30 days prior to such action. The Department of Public Works shall inspect the site, notify the operator of what protective devices, structures and/or measures are or may be necessary for the protection of adjacent properties, environmental resources, and the general public, and take appropriate steps to see that such protective measures are implemented. Posting shall be maintained at all times as provided is Subsection 1 of Section 22.56.1380 of the County Code at all times.
 - e. At least 30 days before starting up inoperative mining operations, the operator shall notify the Department of Public Works, who shall inspect the site. Operations shall not commence until the Department of Public Works, has determined that all requirements of the operator's surface mining permit and Section 22.56.1380 of the County Code are met, and has authorized such commencement.
8. The applicant's Reclamation Plan is approved subject to the following:
- a. Reclamation shall be performed in accord with the applicant's submitted plan, marked Exhibit "A".
 - b. Surface mining will be carried out along the entire working face of the quarry in a manner which will not allow concurrent reclamation. Therefore, for the purposes of this grant, the starting date for beginning reclamation shall be established by one of the following, whichever occurs first:
 - 1. Upon cancellation or termination without renewal of the permittee's lease to operate the rock quarry;
 - 2. Upon cessation of surface mining for a continuous period of 5 years;
 - 3. Upon the permittee having failed to declare its intent to continue the surface mining operations as evidenced by a written request to extend the permittee's lease, submitted to the lessor at least one year prior to the termination of the lease.

- c. Reclamation shall be completed within one year of the required starting date. The Department of Public Works shall inspect reclamation activities as necessary to assure compliance. The operator shall pay the County the actual costs of conducting such inspections.
- d. Unless otherwise specified in the approved Reclamation Plan, the reclamation of mined lands shall be carried out in accordance with the requirements and specifications of Section 22.56.1420 of the County Code, subtitled: "Reclamation Activities-Specification", as incorporated in these conditions by reference.
- e. The owner and the operator shall jointly file a covenant with the County Recorder for the benefit of the County of Los Angeles with the following statements included:
 - 1. "This property is subject to Reclamation Plan, No. 86137-(4) requiring, together with other conditions, the completion of a reclamation program for the property except as specifically provided in such "Reclamation Plan".
 - 2. A statement accepting responsibility for completion of the reclamation work with maintenance to be performed for a minimum of 2 years following its completion.

A copy of said recorded document identifying the case number shall be returned to the Department of Regional Planning.

The covenant approved pursuant to this section shall be binding on all successors, heirs and assigns of the applicant.

- f. The Reclamation Plan will be reviewed 10 years from the date of approval.

The applicant shall submit a report to the Hearing Officer at that time, and every 10 years thereafter (unless the review period is amended by the hearing officer, the Commission or the Board of Supervisors), detailing the progress accomplished to achieve the objectives of Reclamation Plan or any change of circumstances.

- 9. Authorization to quarry shall be considered terminated and cease to be in effect:

- a. At the same time a new principal use is established on the subject property.
- b. One year after the cessation of mining operations on the subject property, provided the operator has failed to notify the Commission and the Department of Public Works of his intention to conduct intermittent operations as provided in Section 22.56.1400 of the County Code and condition no. 7d and 7e.

This condition shall not be construed as relieving the permittee of reclamation requirements.

10. Upon receipt of this letter, the permittee shall contact the Fire Prevention Bureau of the Los Angeles County Forester and Fire Warden to determine what facilities may be necessary to protect the property from fire hazard. Any necessary facilities shall be provided as may be required by said Department.
11. The permittee shall secure any necessary permits from the South Coast Air Quality Management District and shall fully comply with the terms of said Department.
12. All structures shall conform with the requirements of the Division of Building and Safety of the Department of Public Works.

RF:JS:bd
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